

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

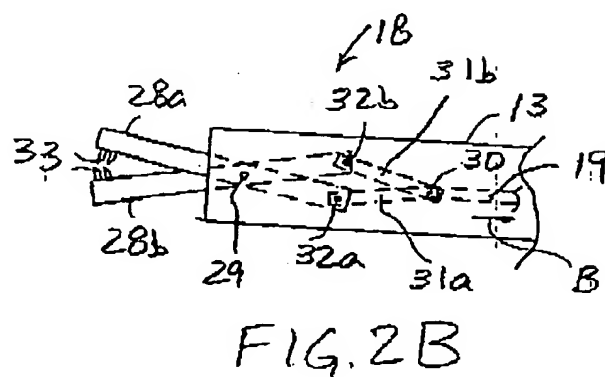
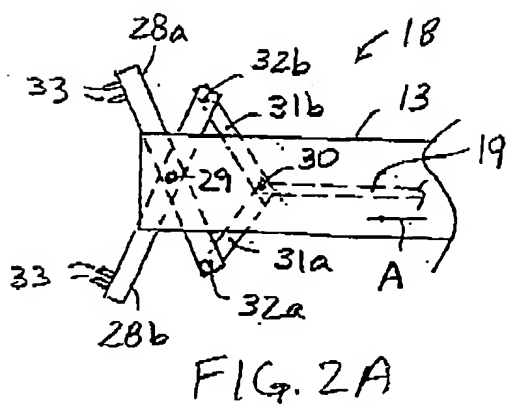
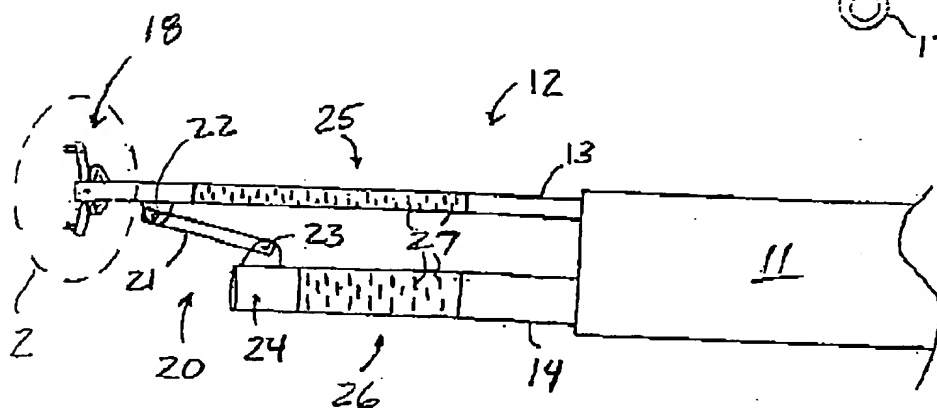
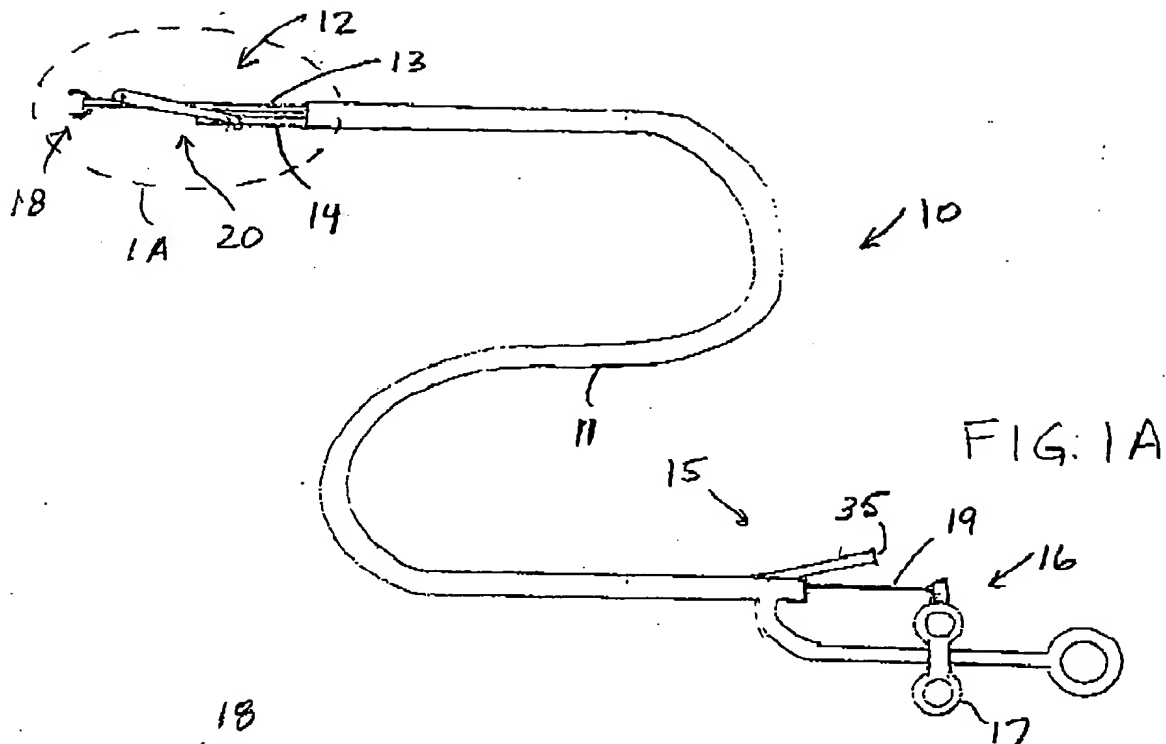
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



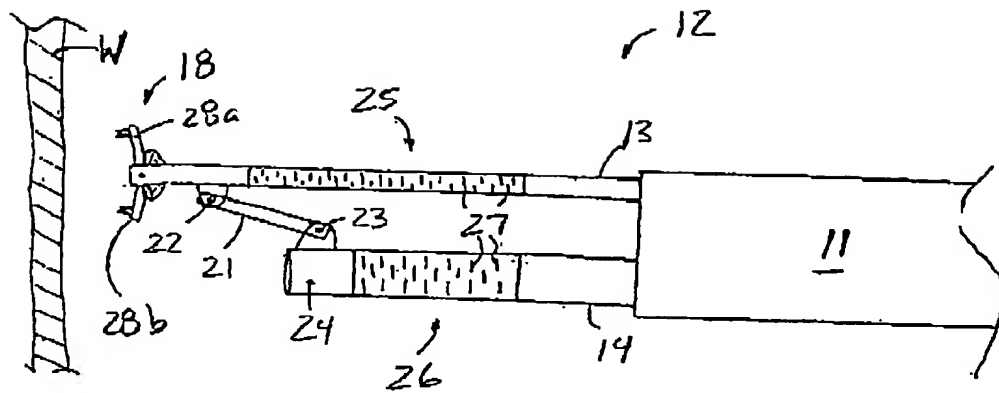


FIG. 3A

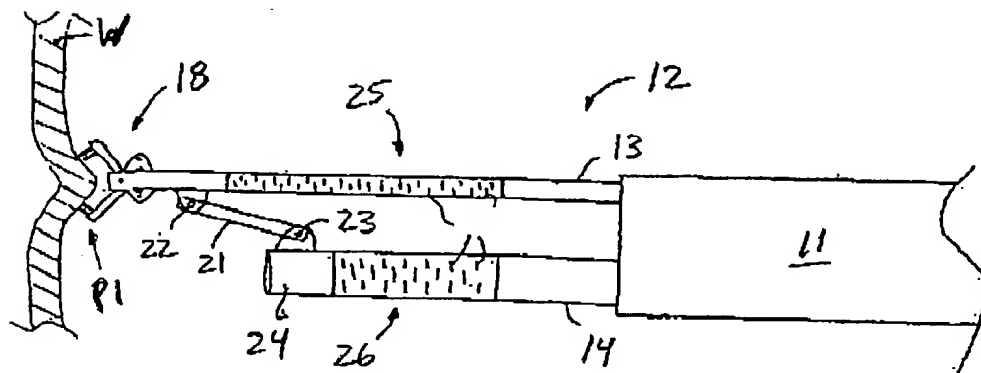


FIG. 3B

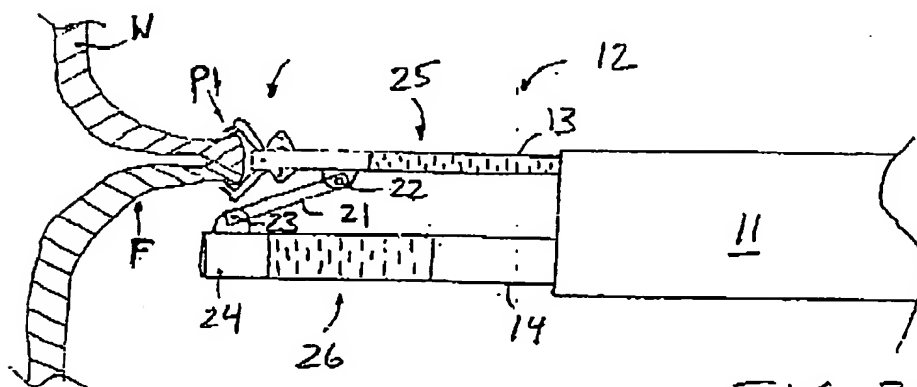


FIG. 3C

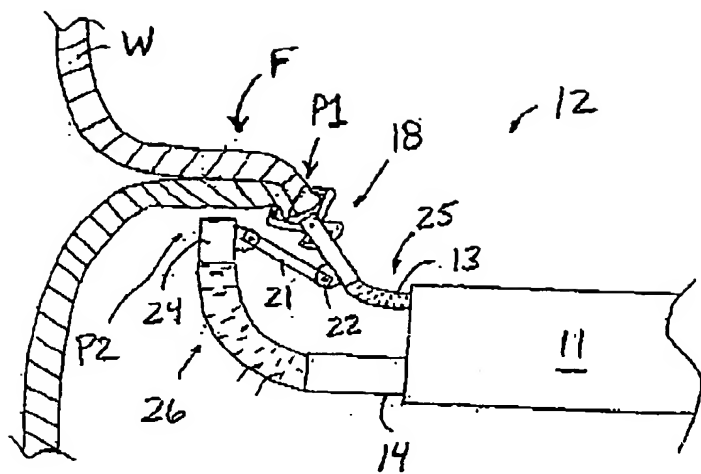


FIG. 3D

FIG. 3E

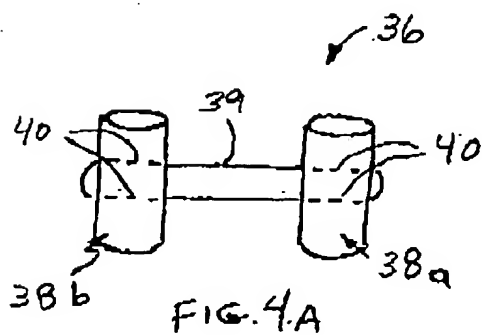
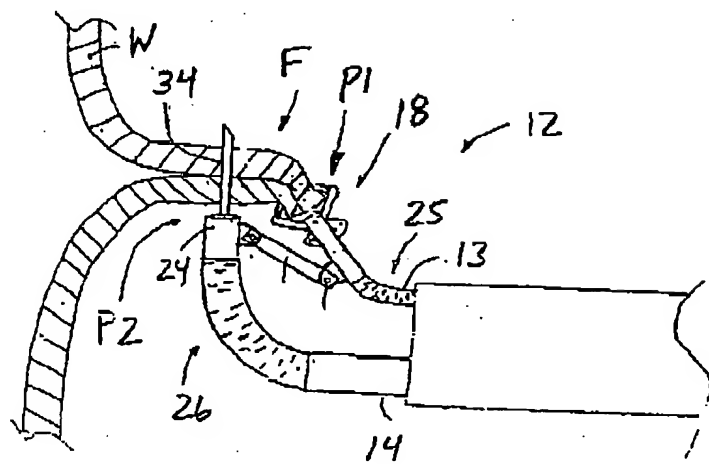


FIG. 4A

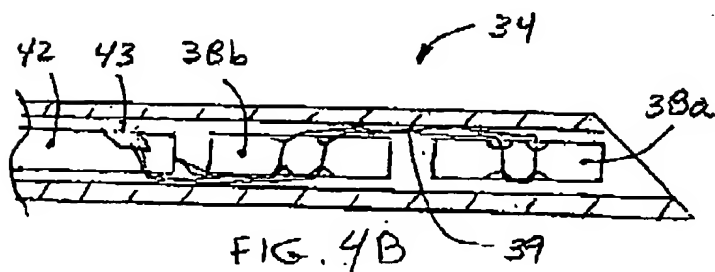


FIG. 4B

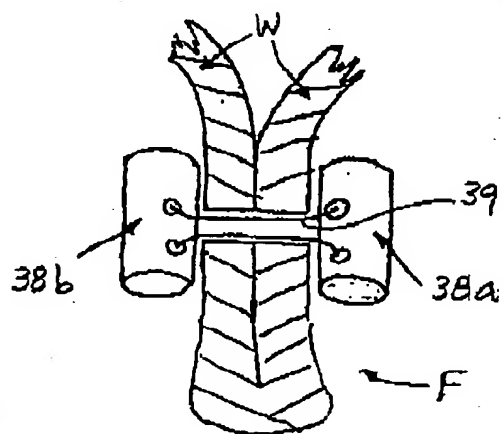
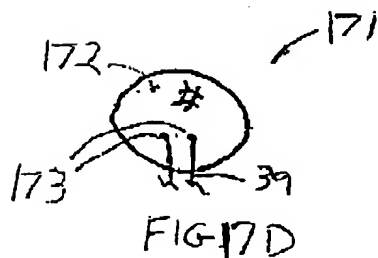
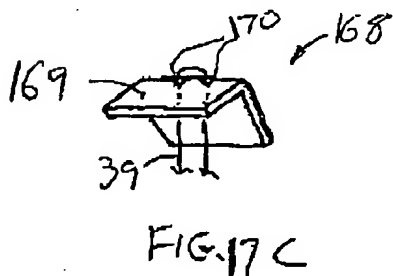
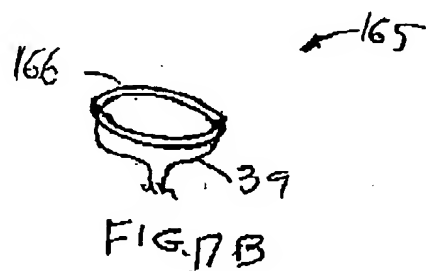
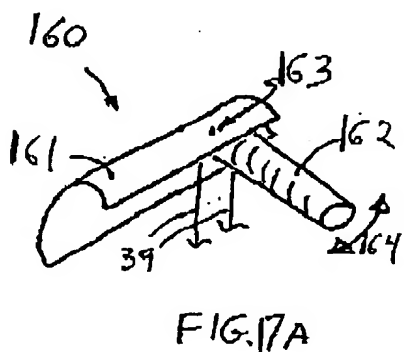
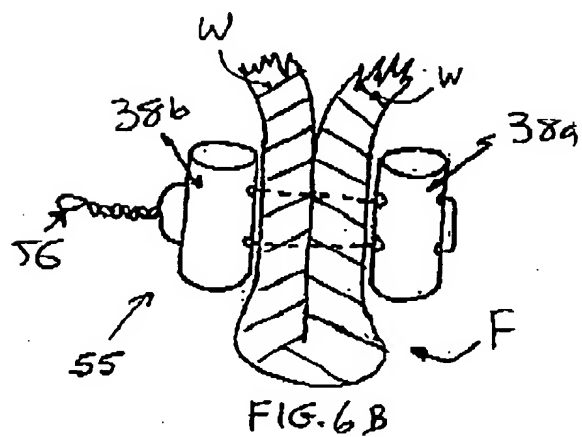
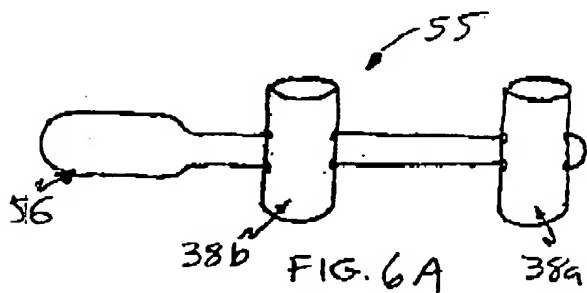
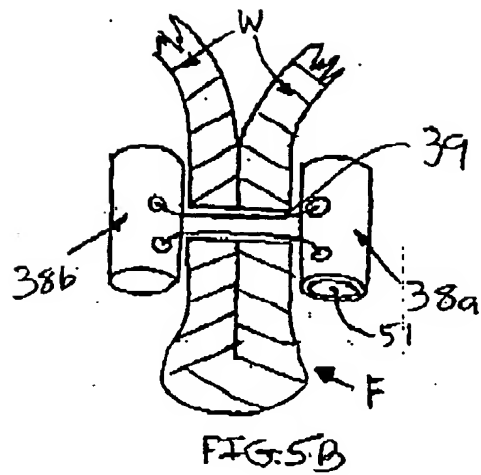
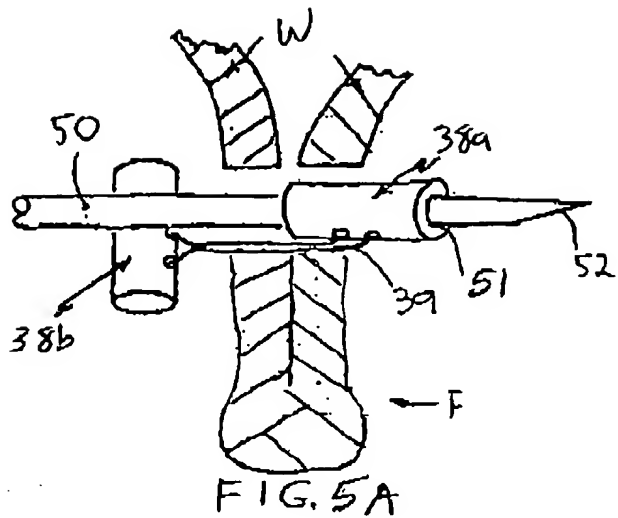


FIG. 4C



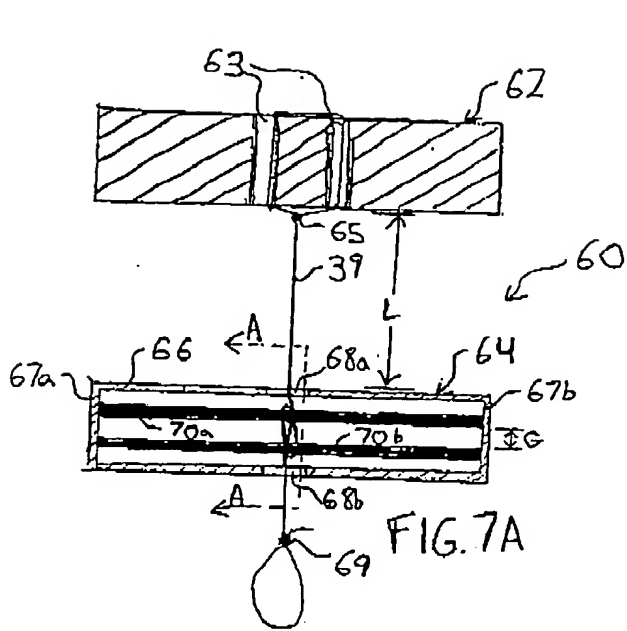


FIG. 7A

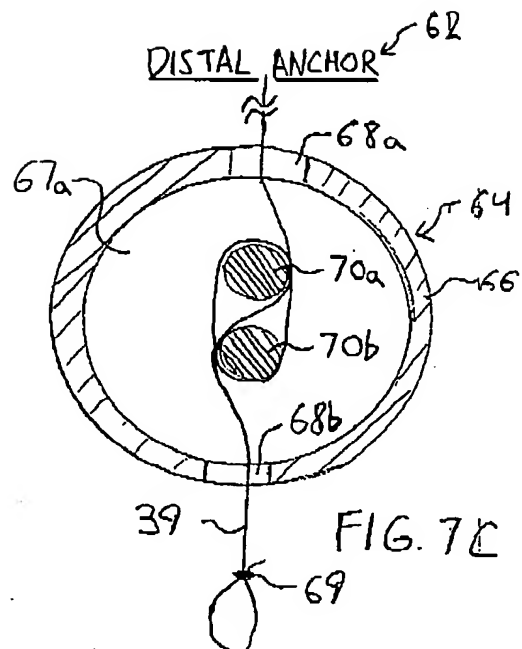
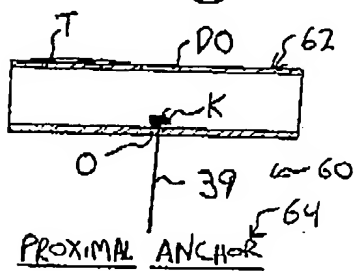
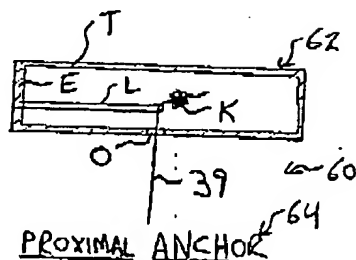


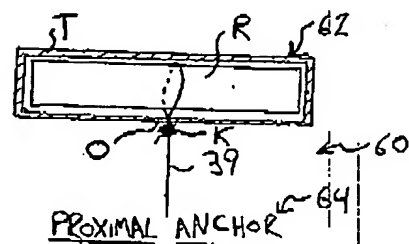
FIG. 7C



(i)



(ii)



(iii)

FIG. 7B

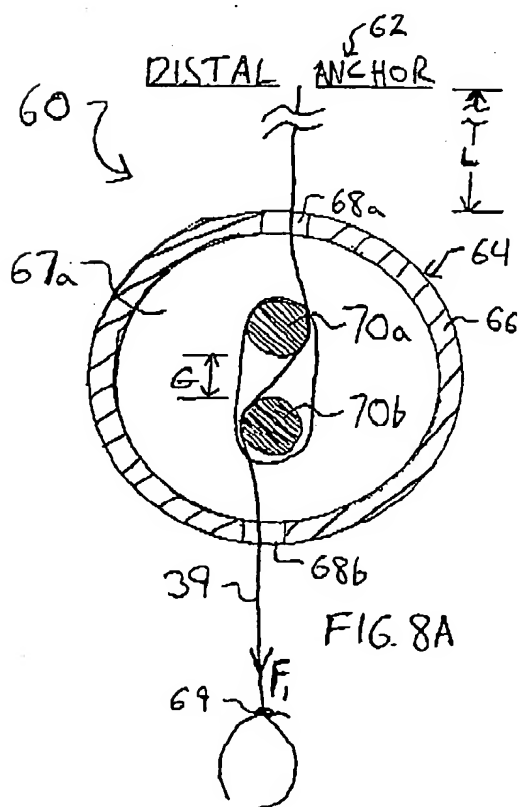


FIG. 8A

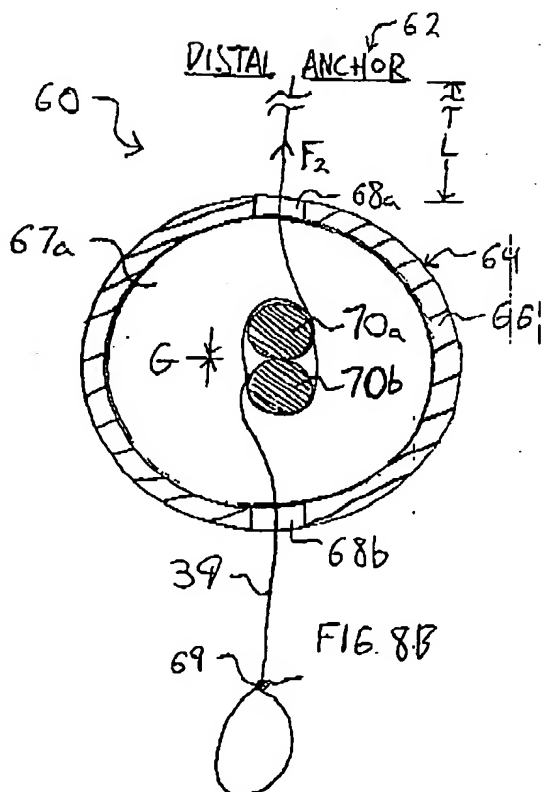
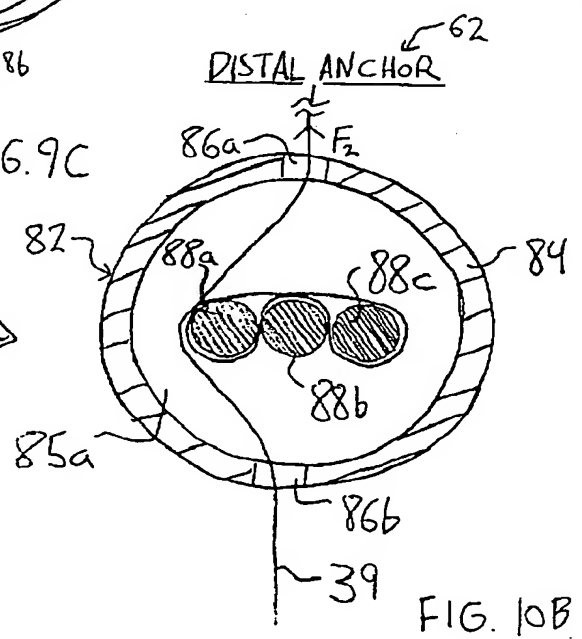
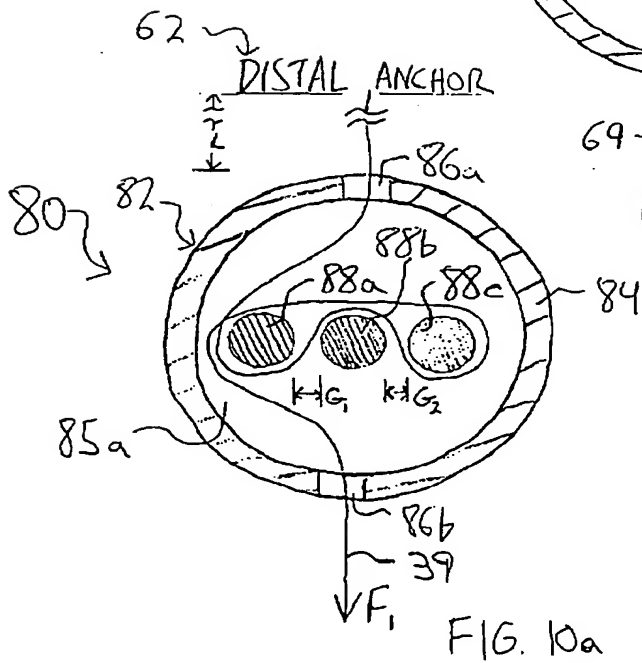
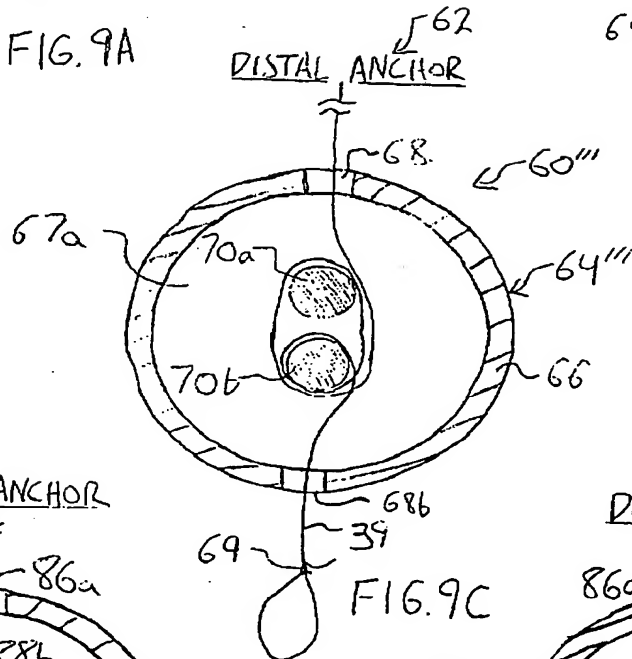
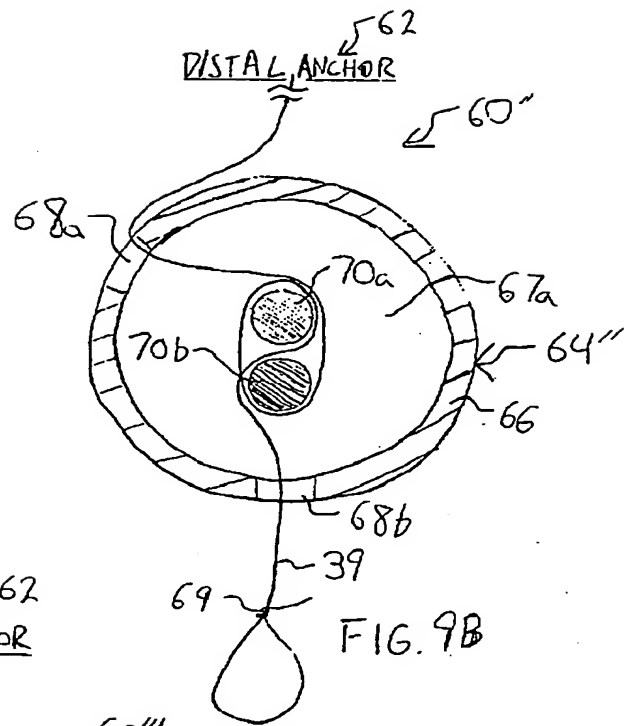
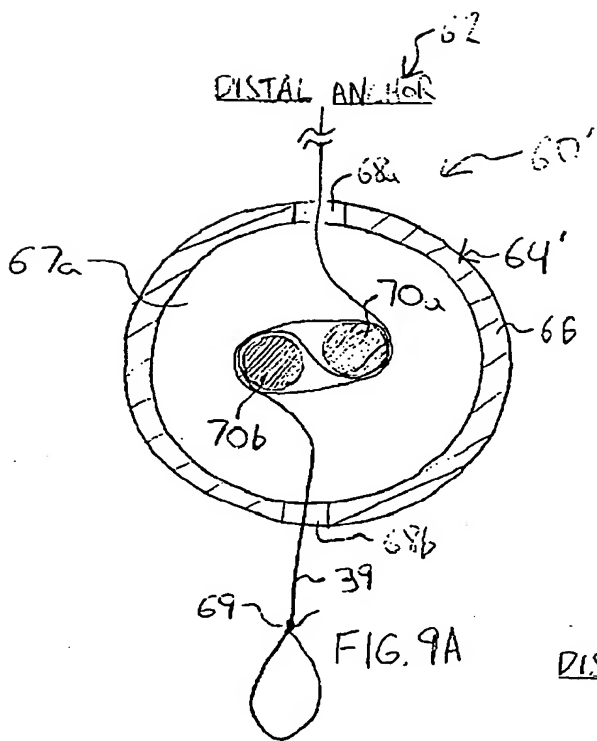
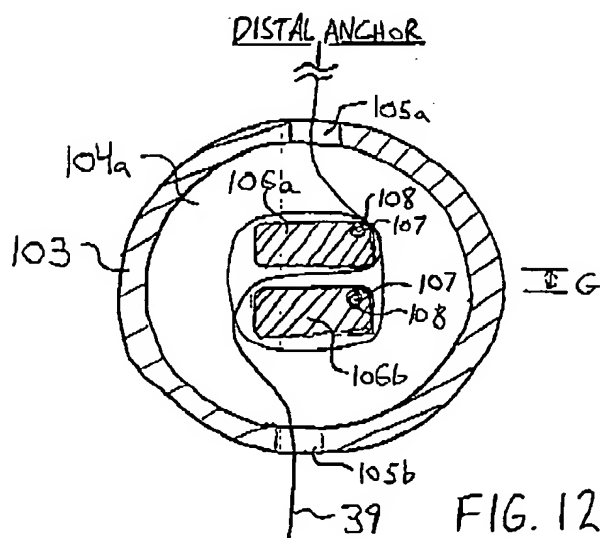
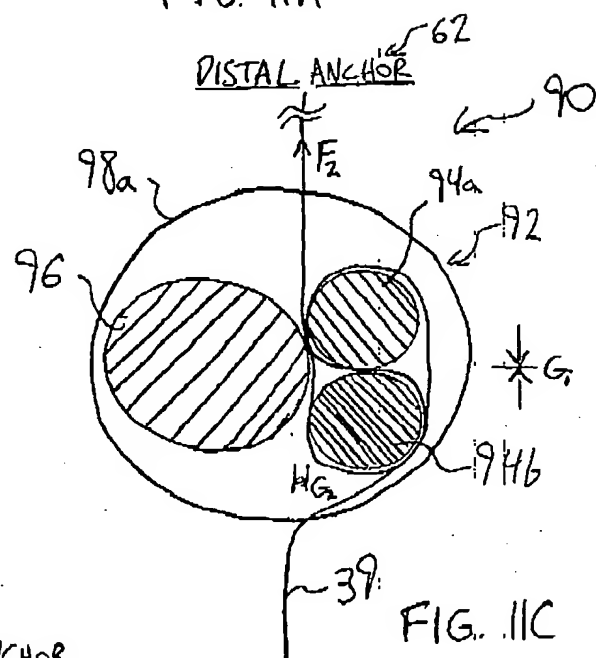
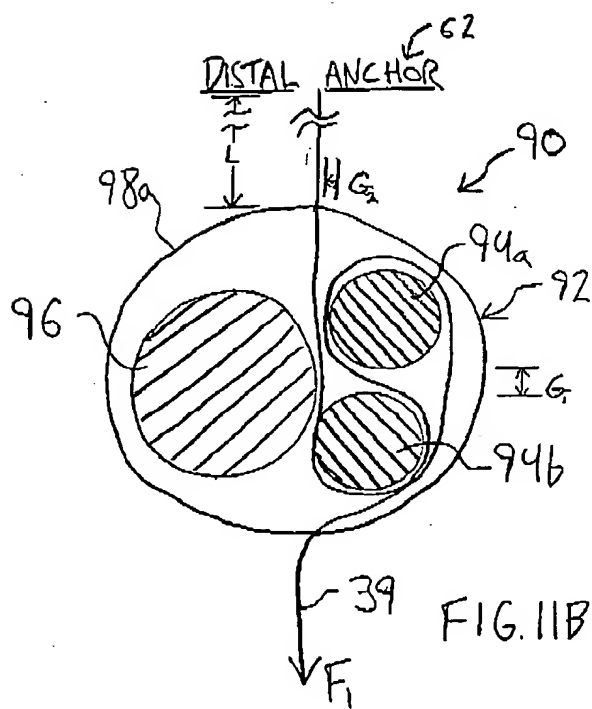
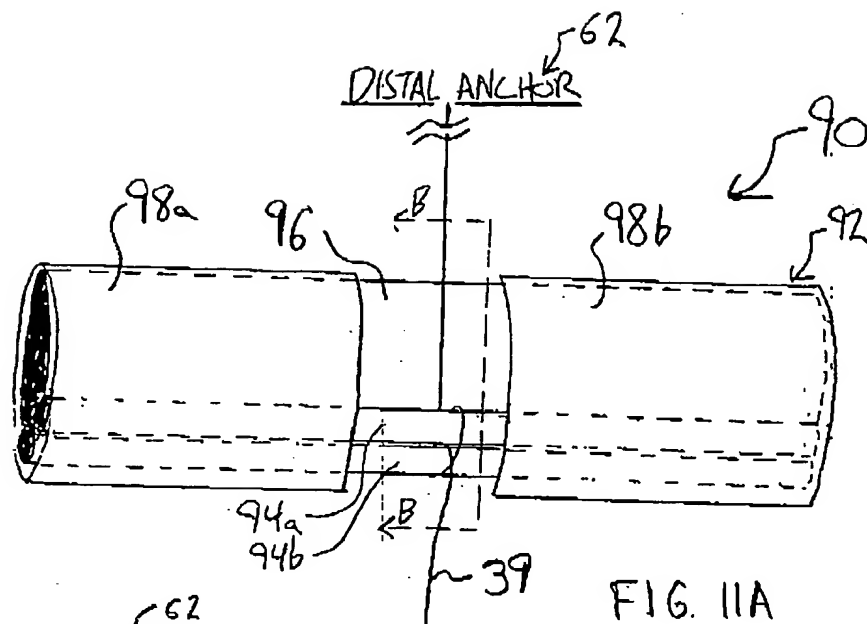
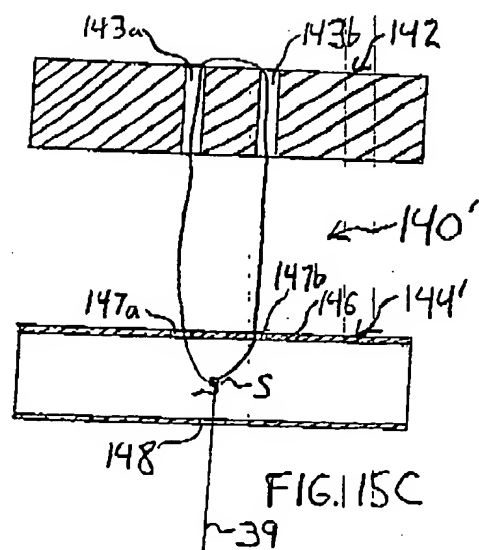
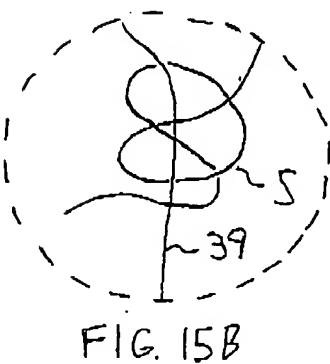
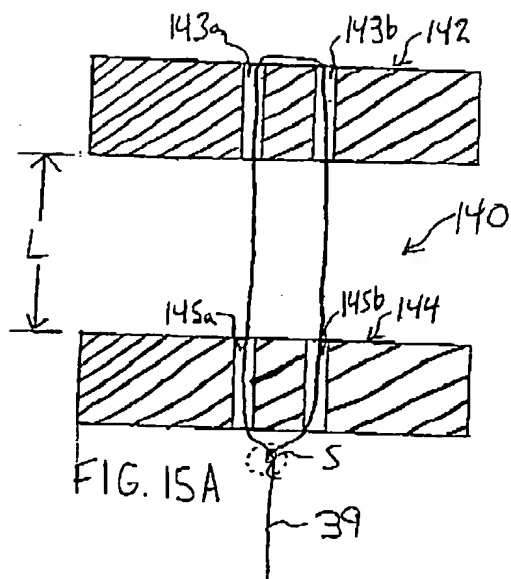
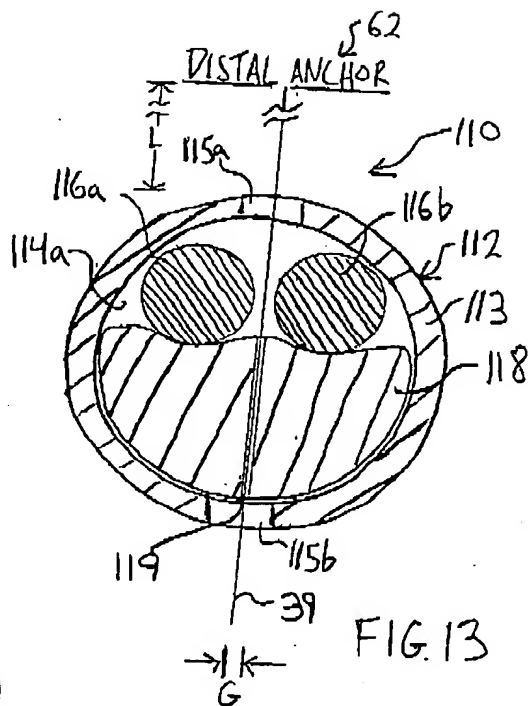
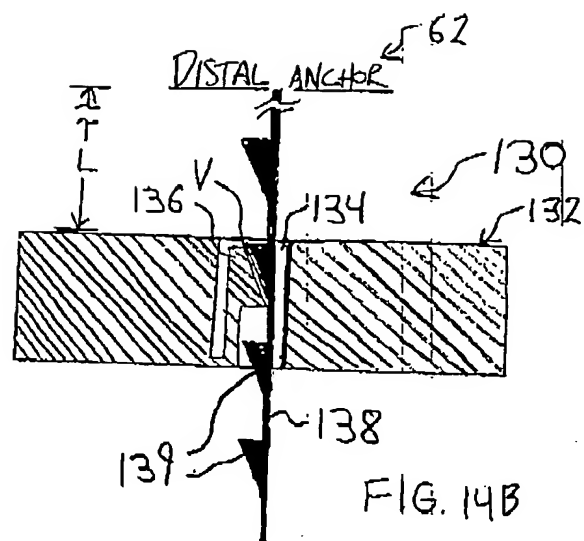
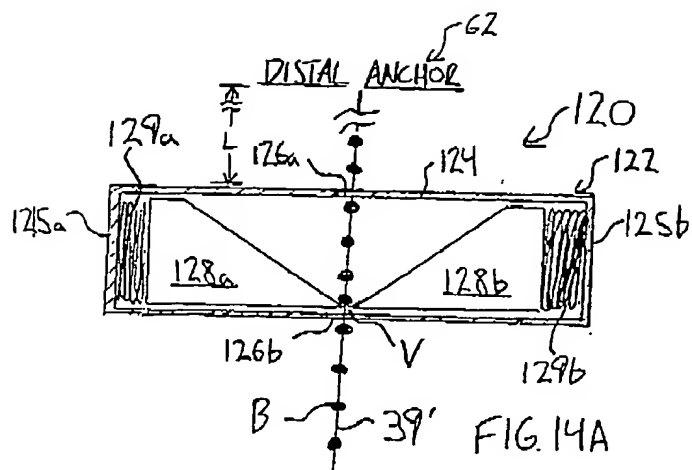
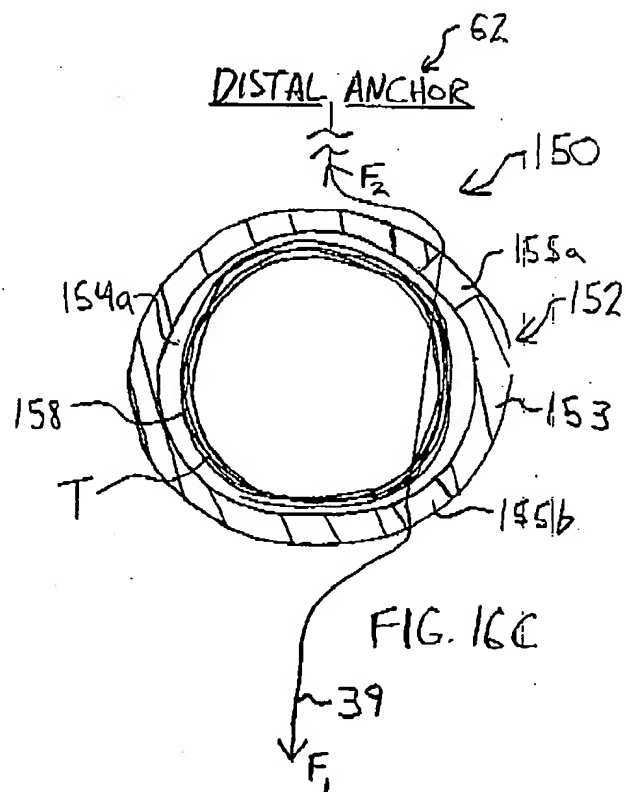
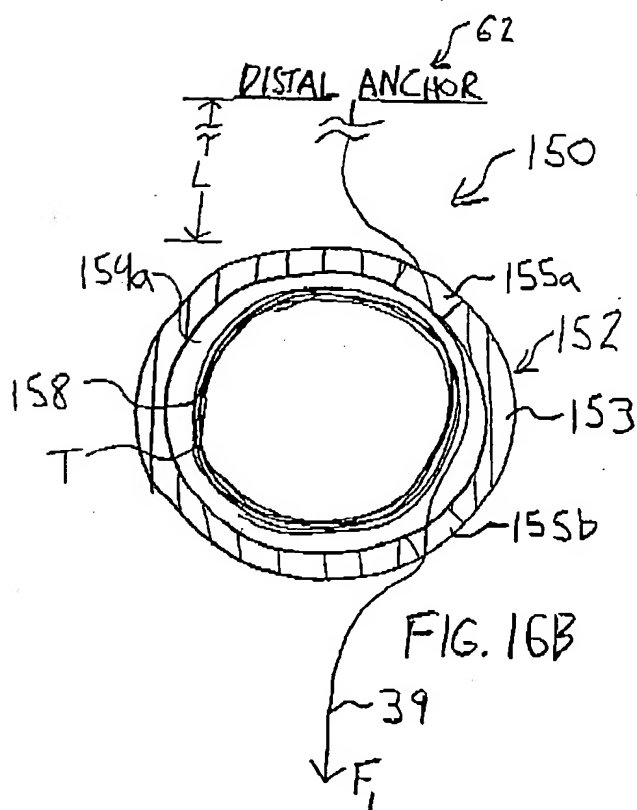
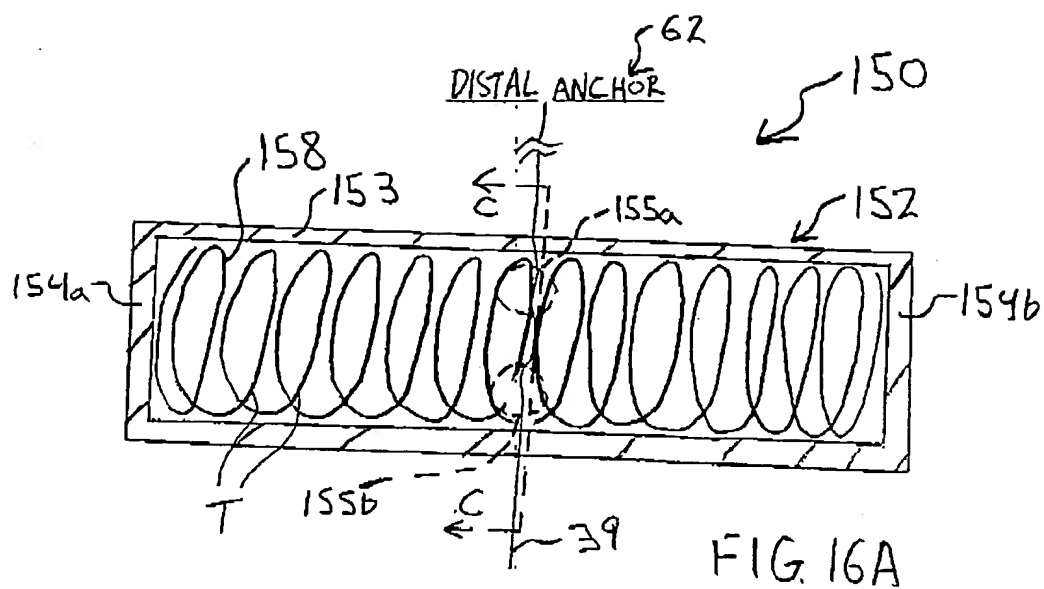


FIG. 8B









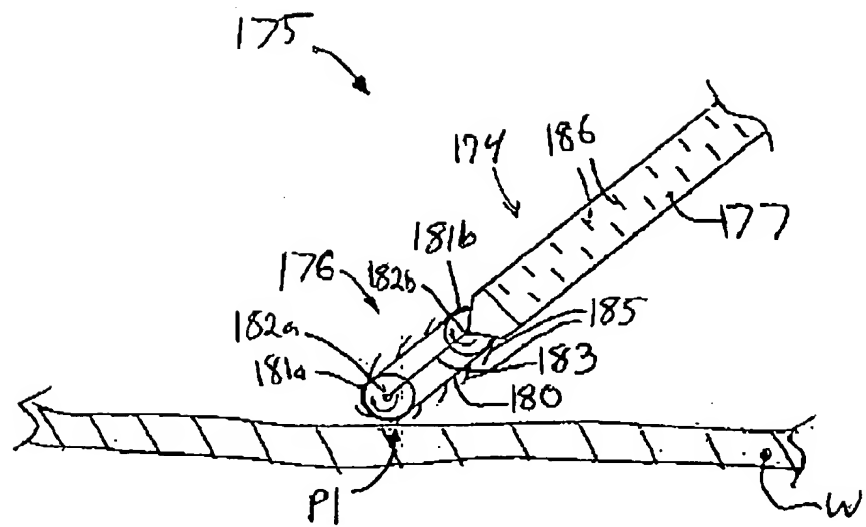


FIG. 18A

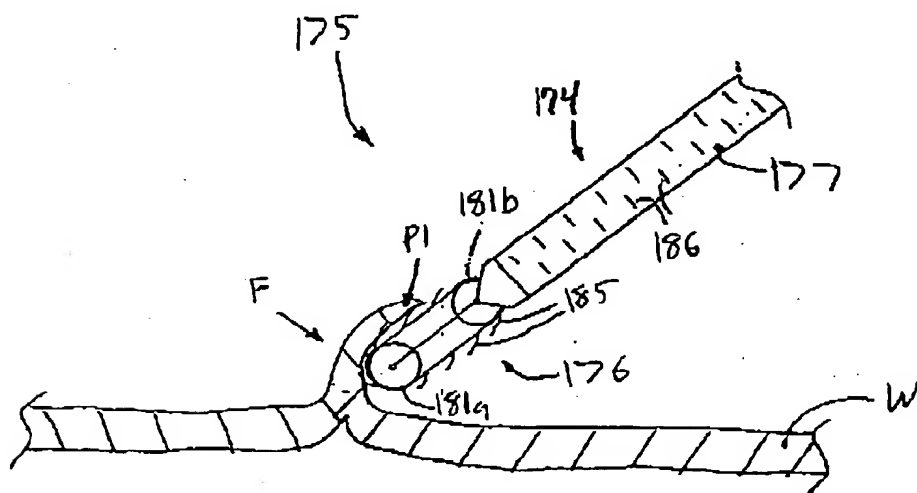


FIG. 18B

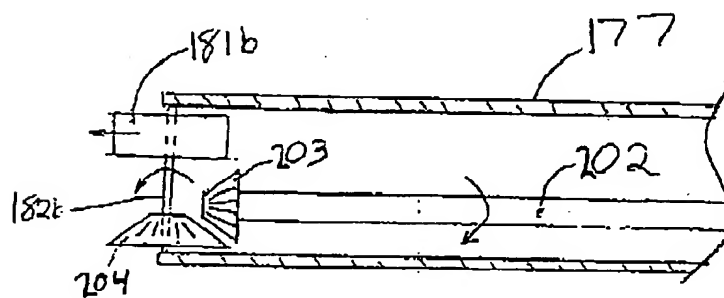
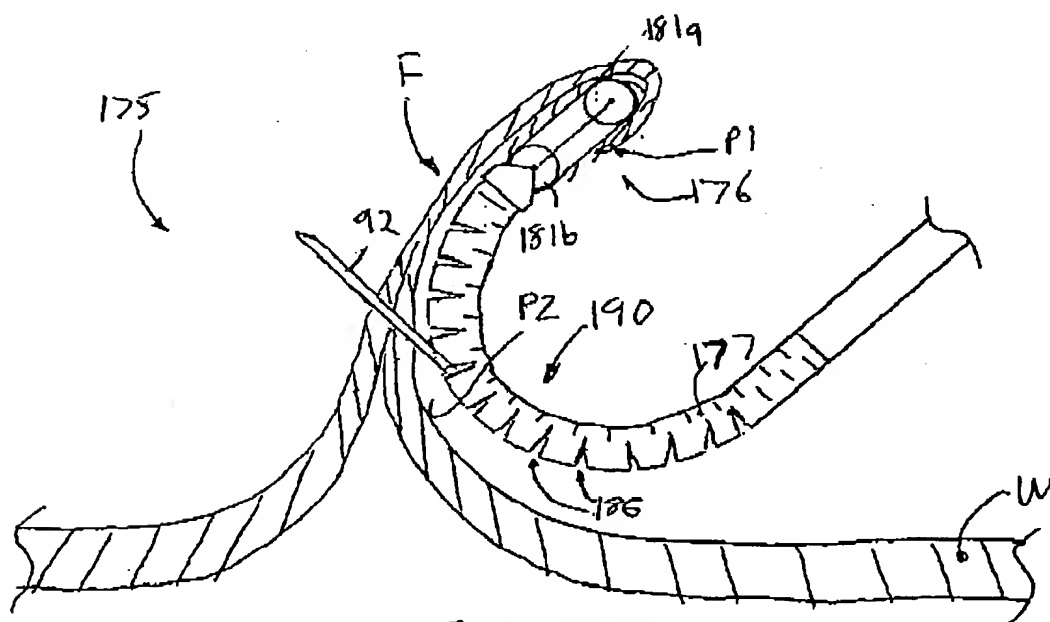
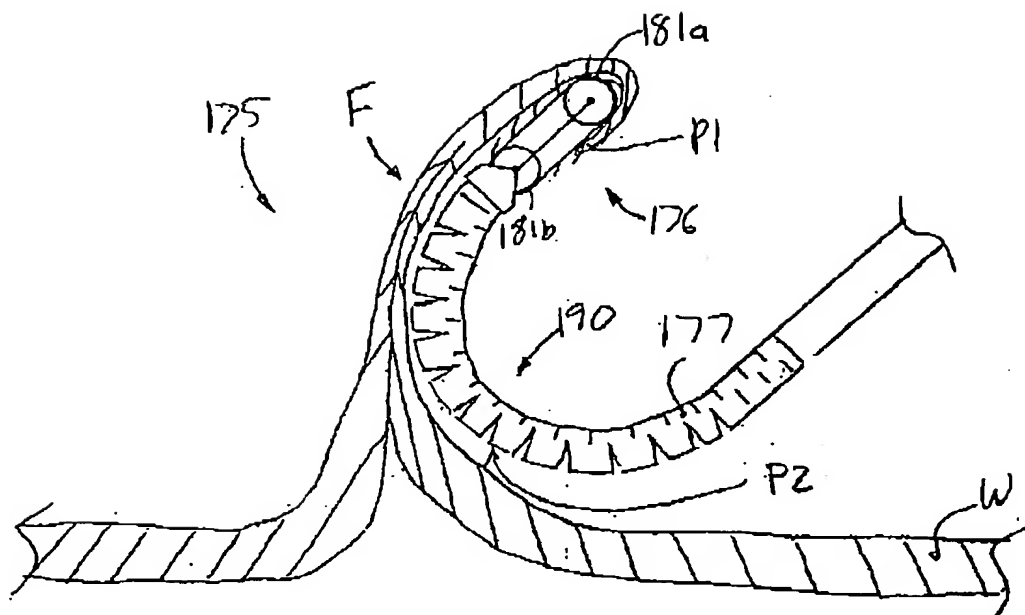


FIG. 19



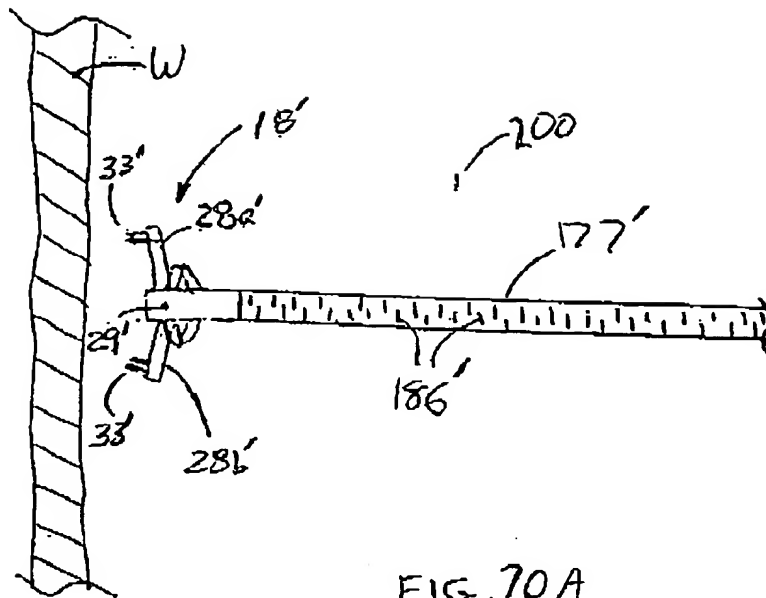


FIG. 20A

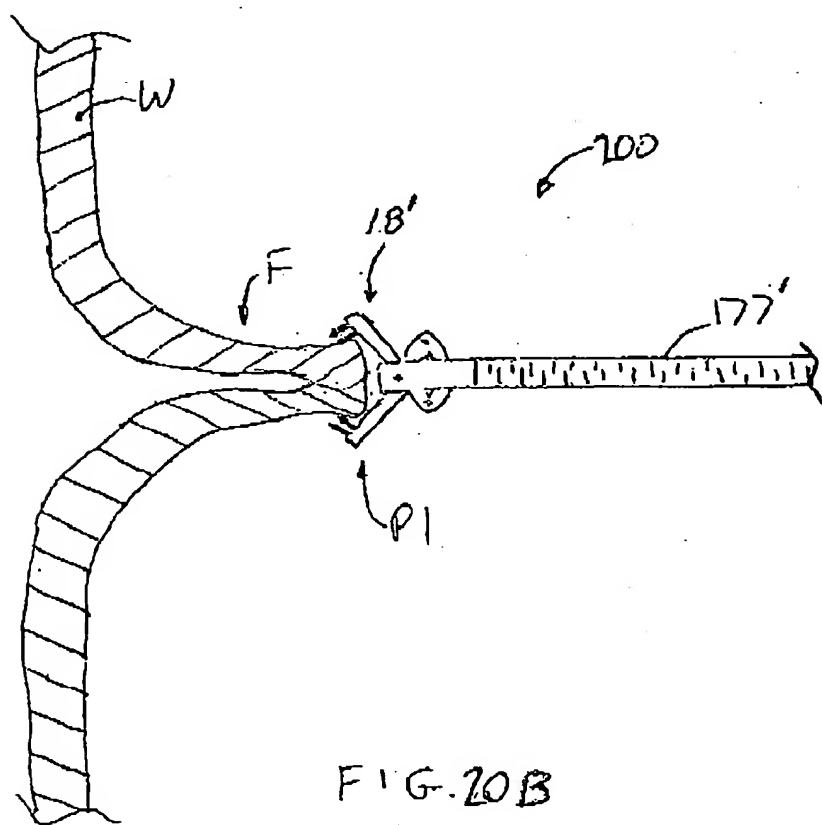
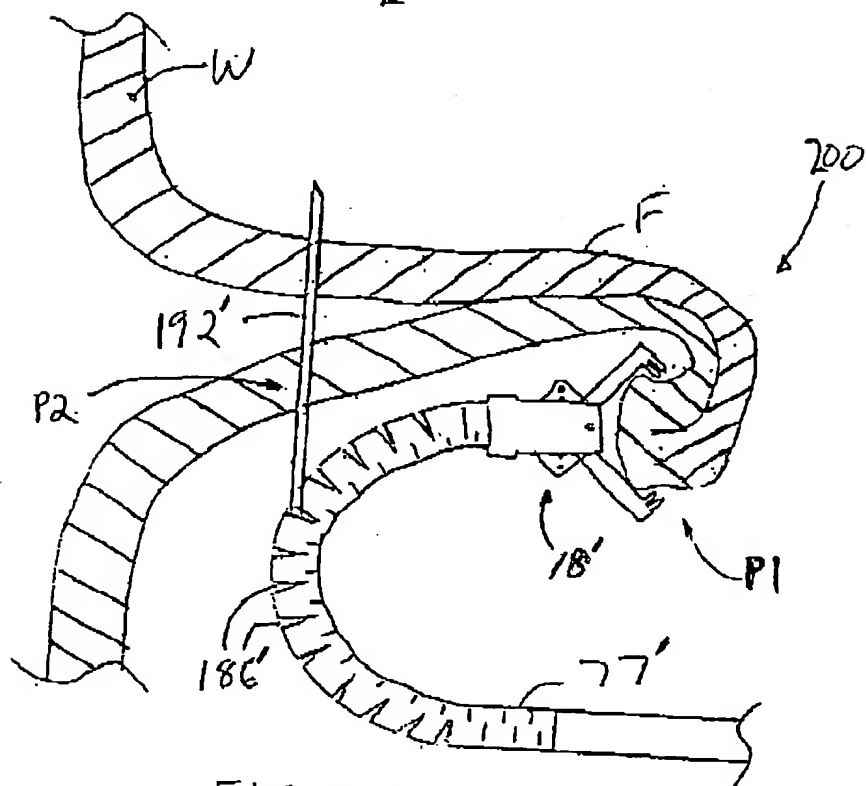
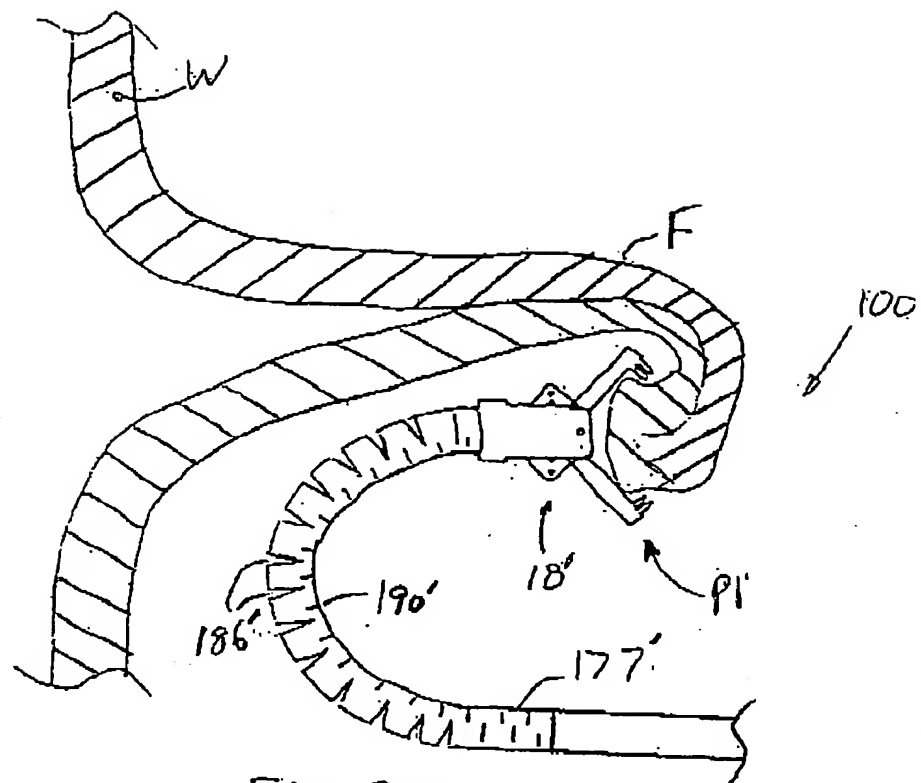
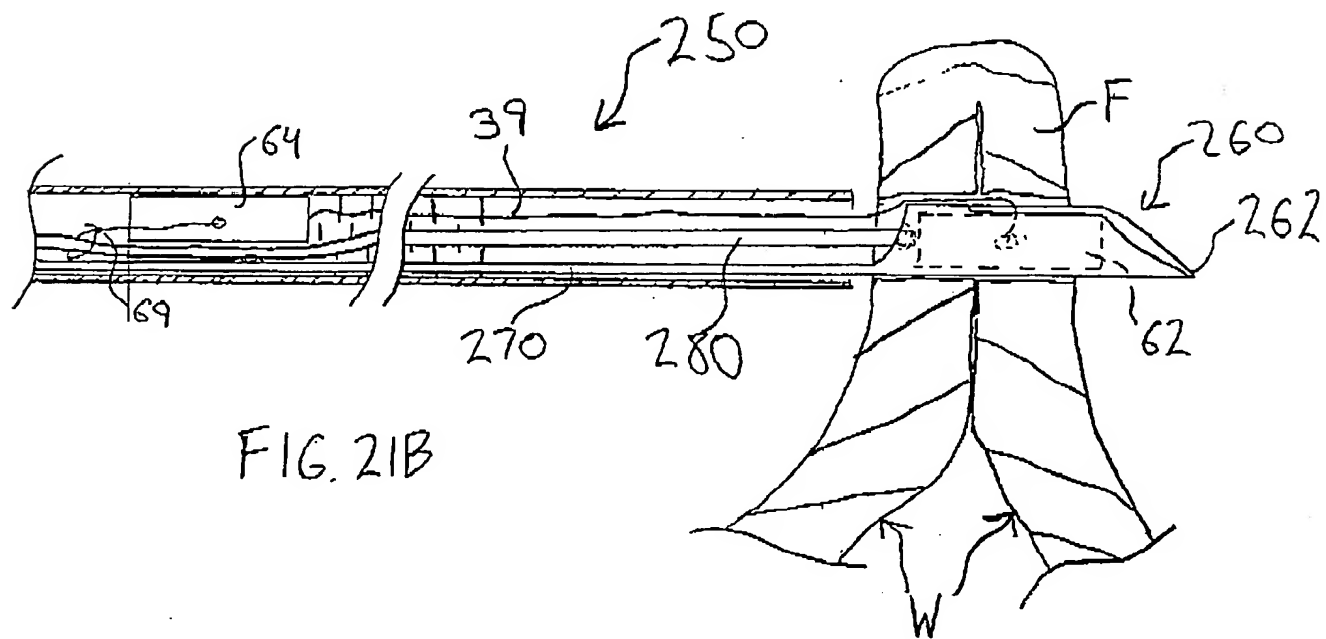
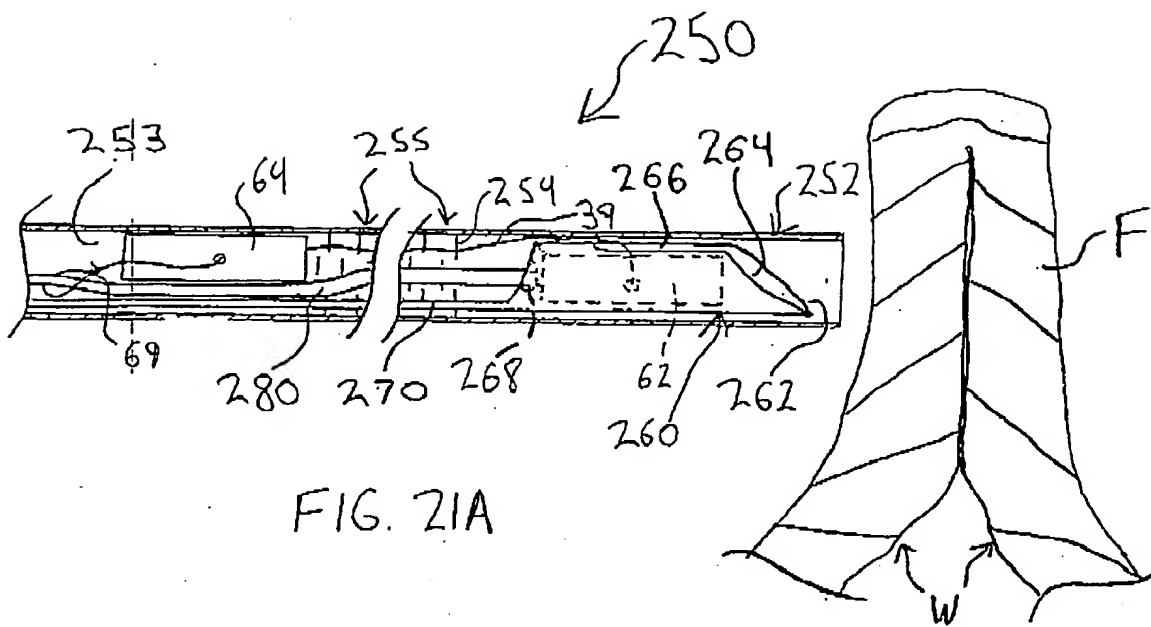
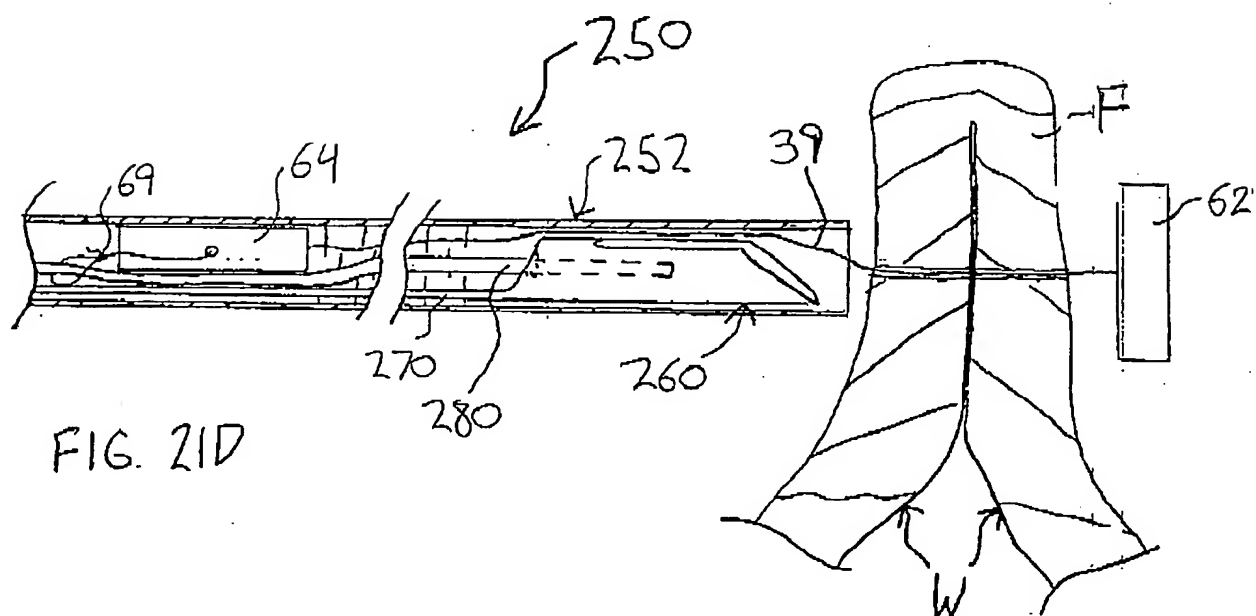
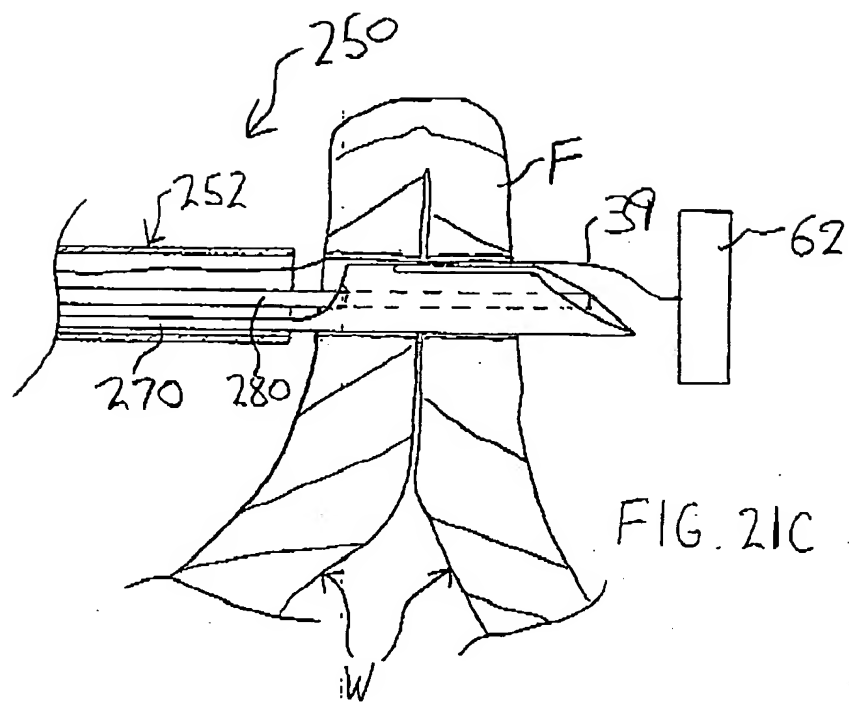


FIG. 20B







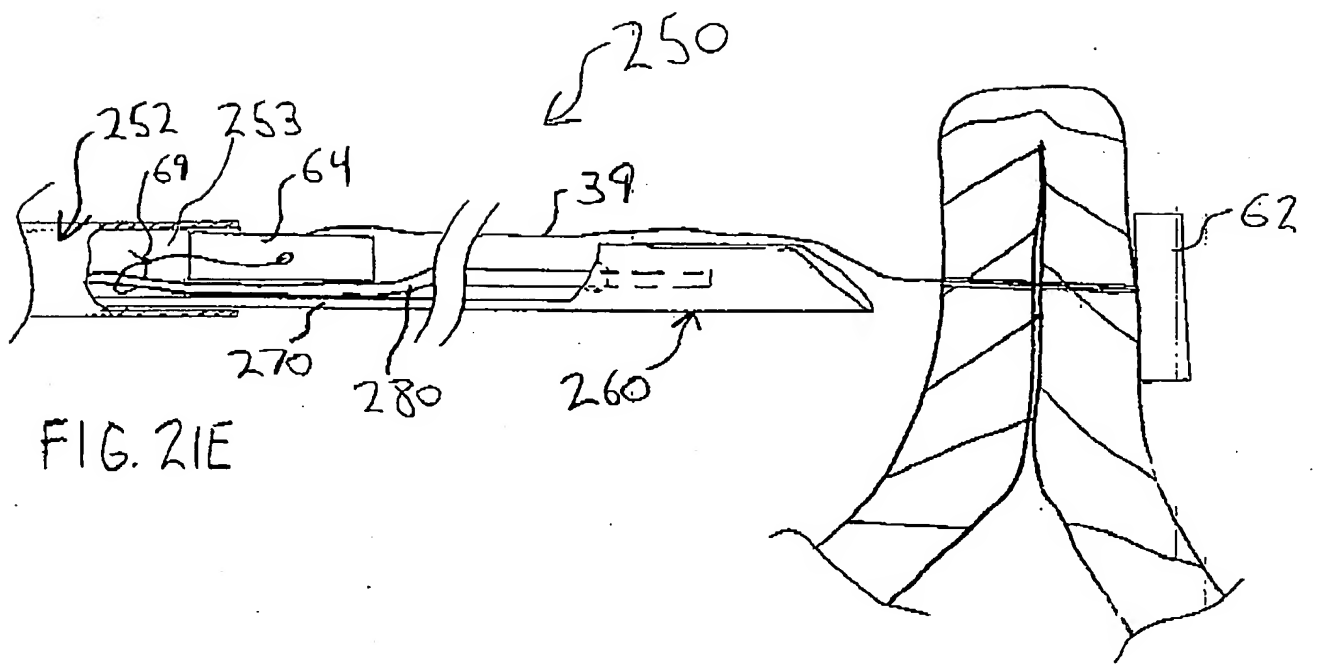


FIG. 21E

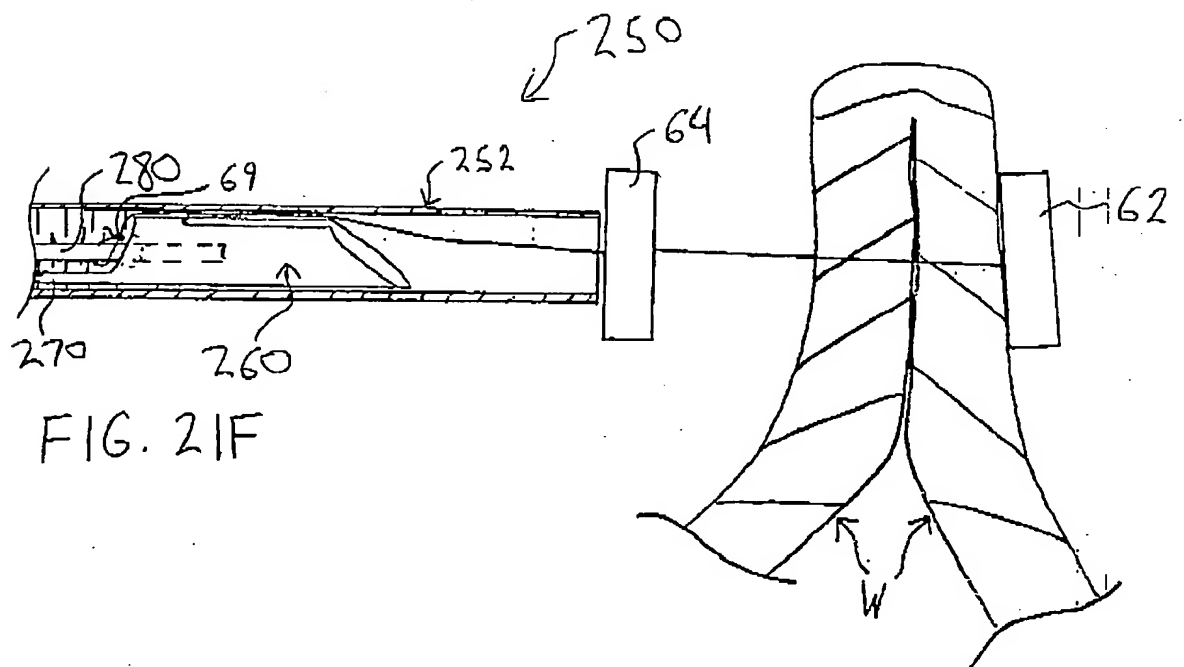
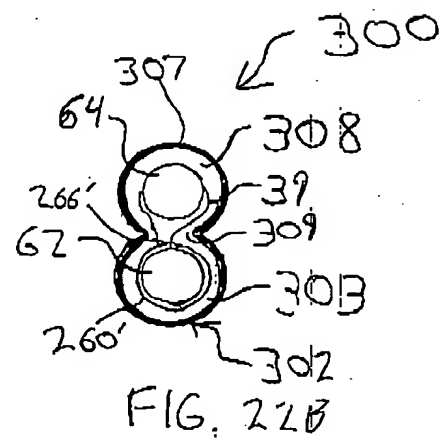
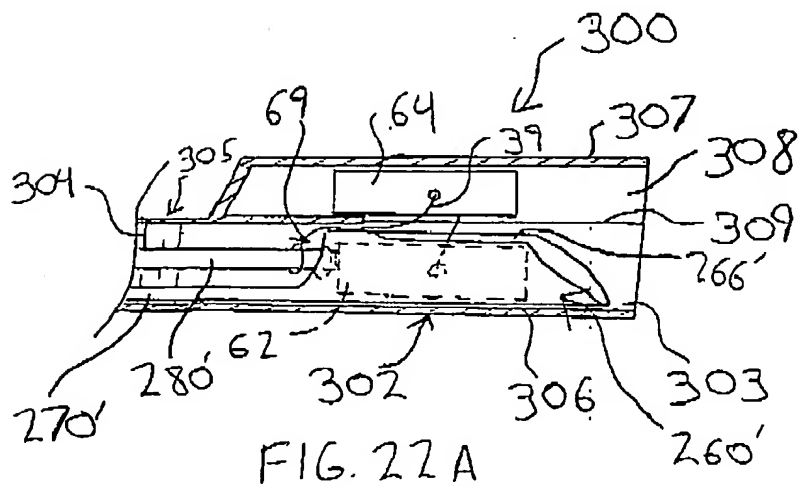
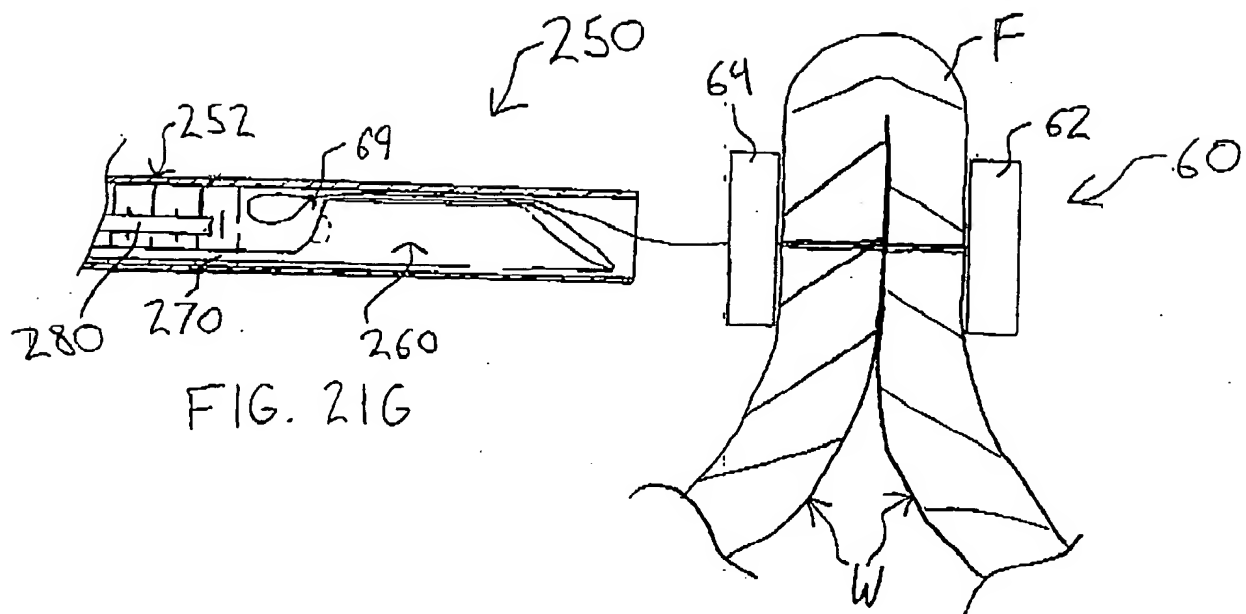
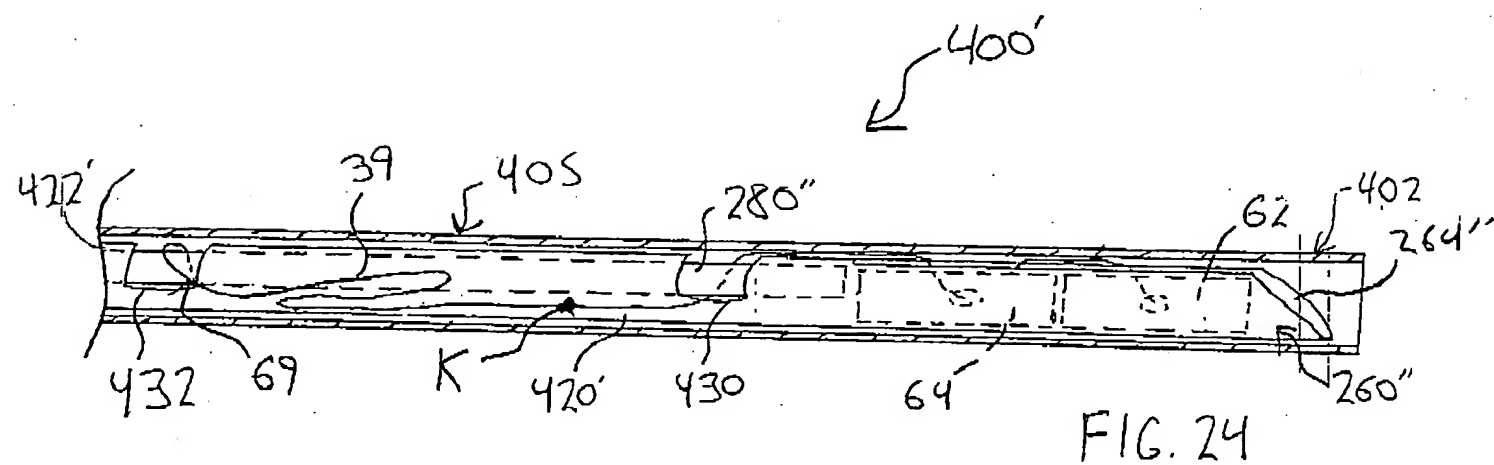
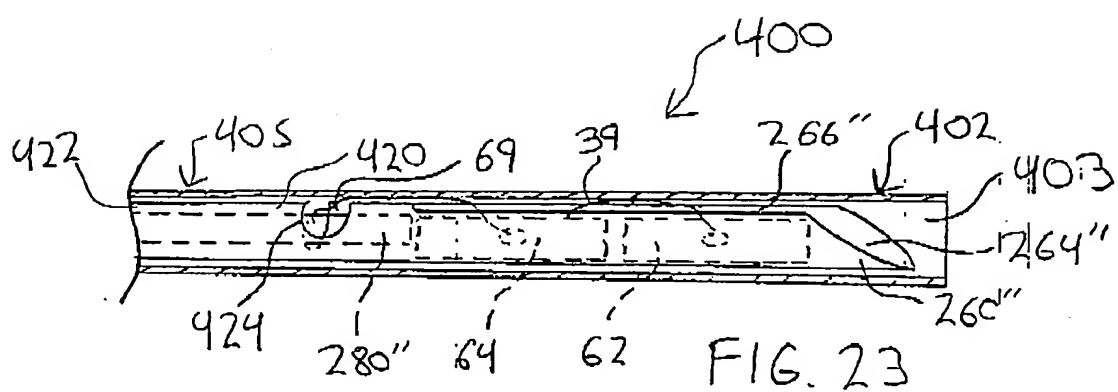
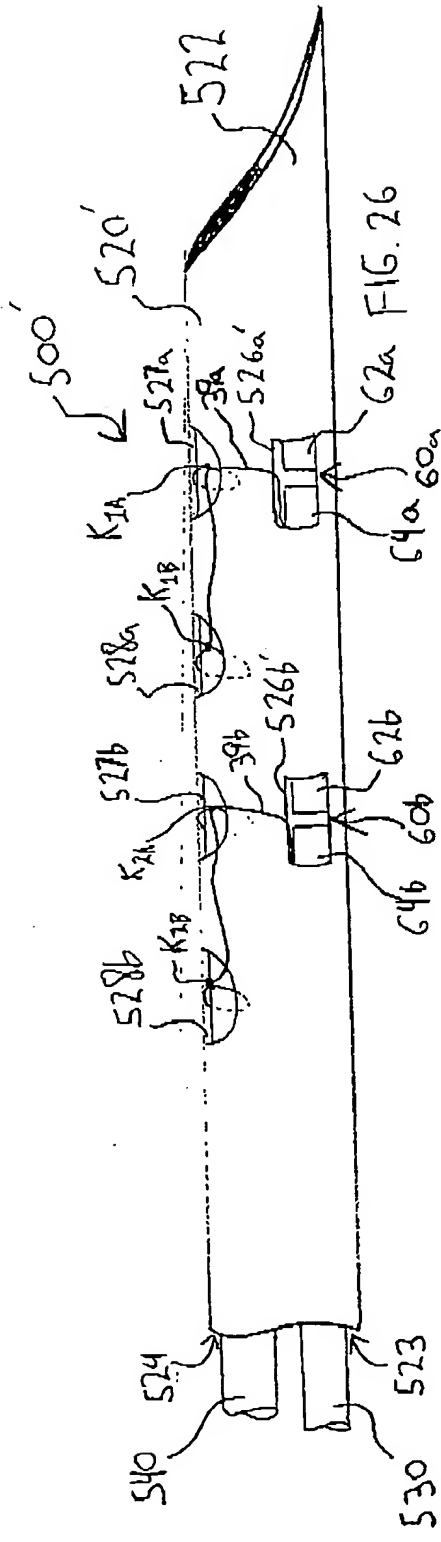
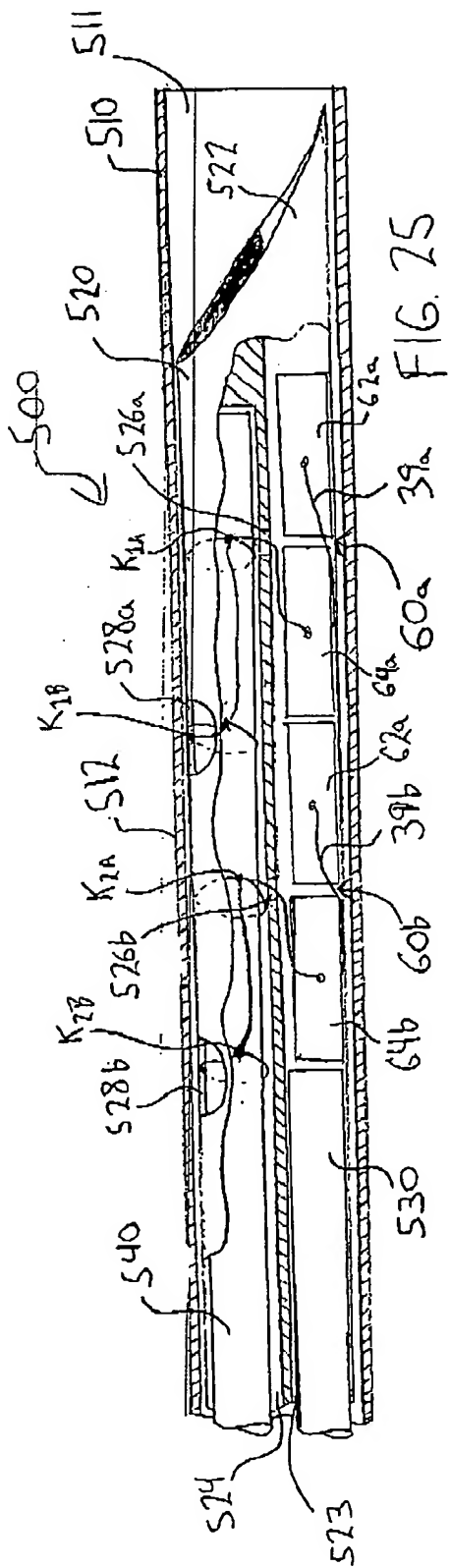
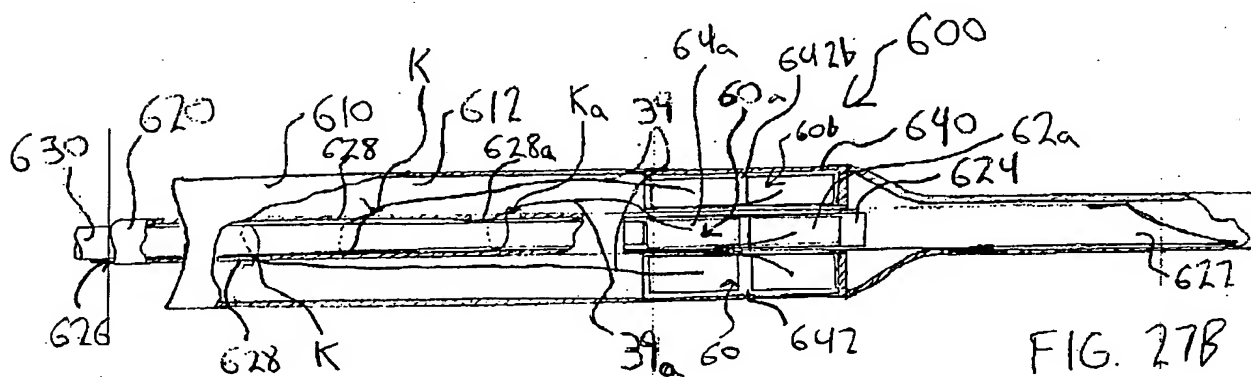
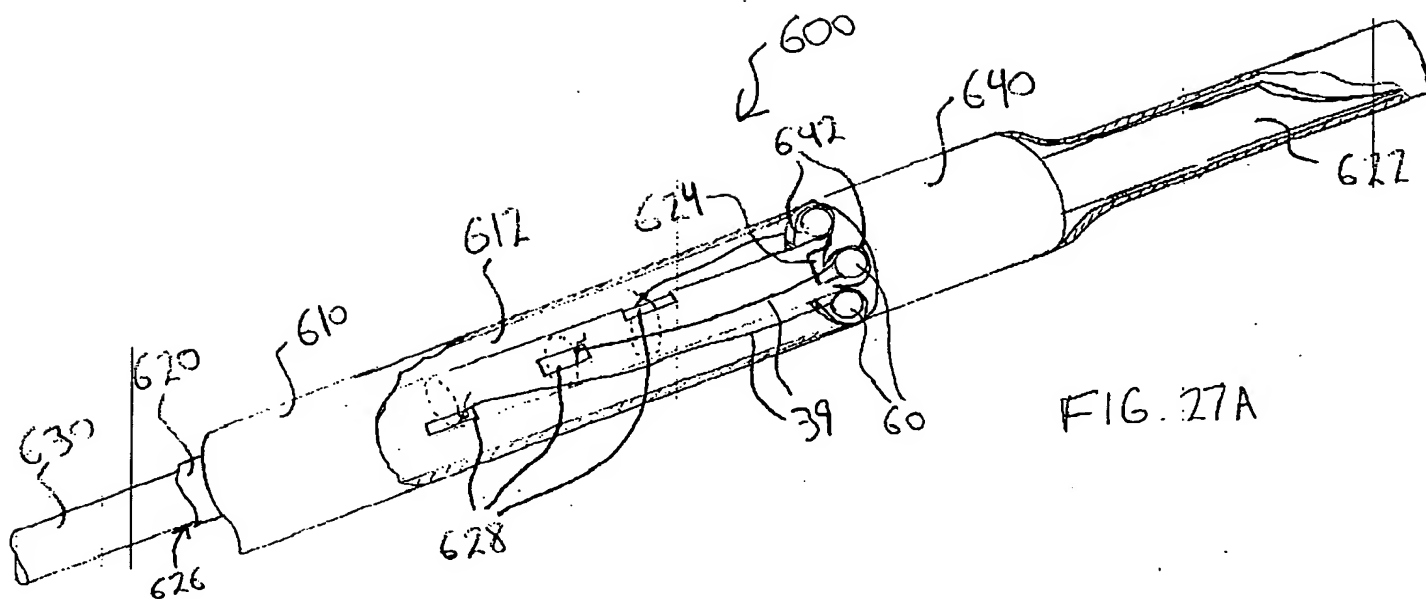


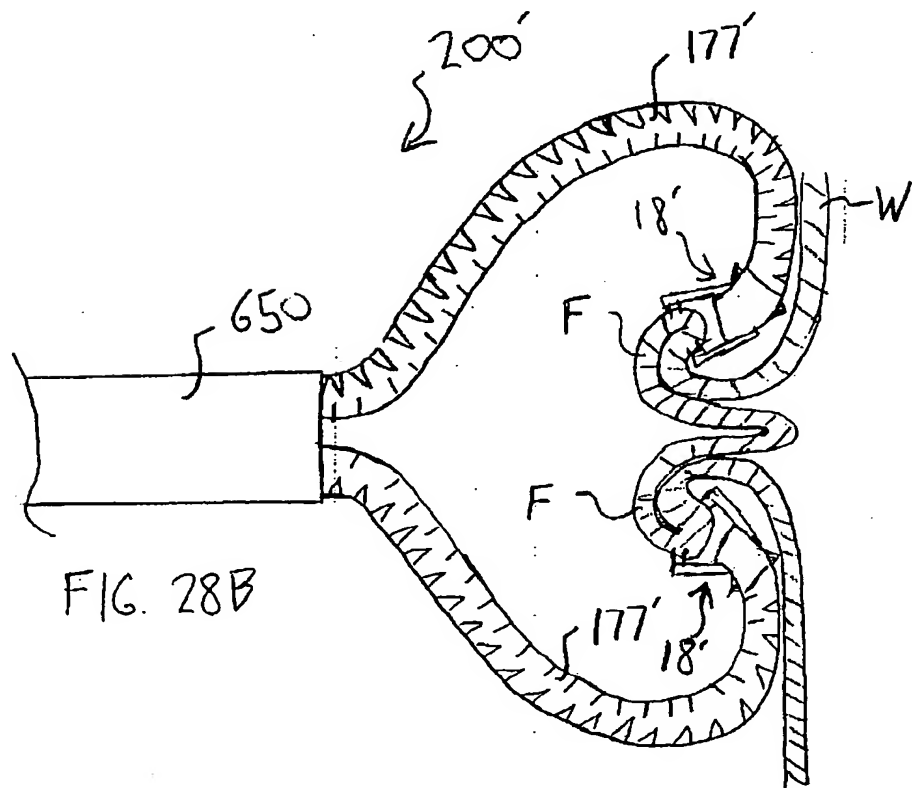
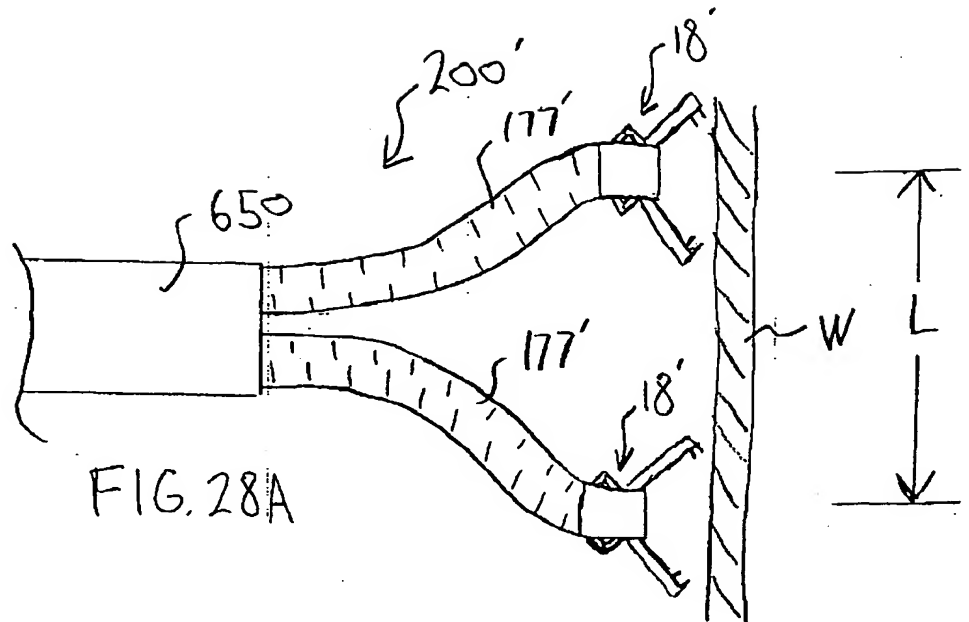
FIG. 21F

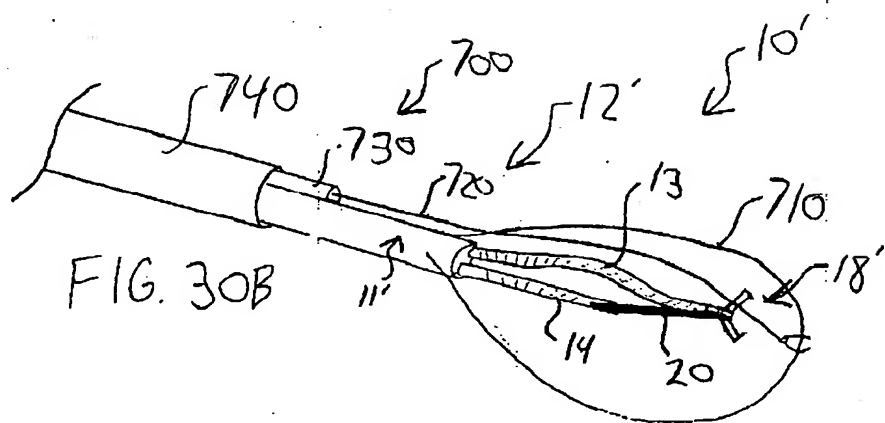
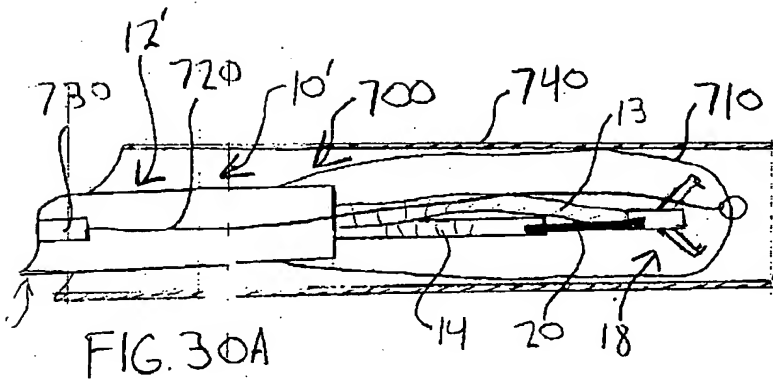
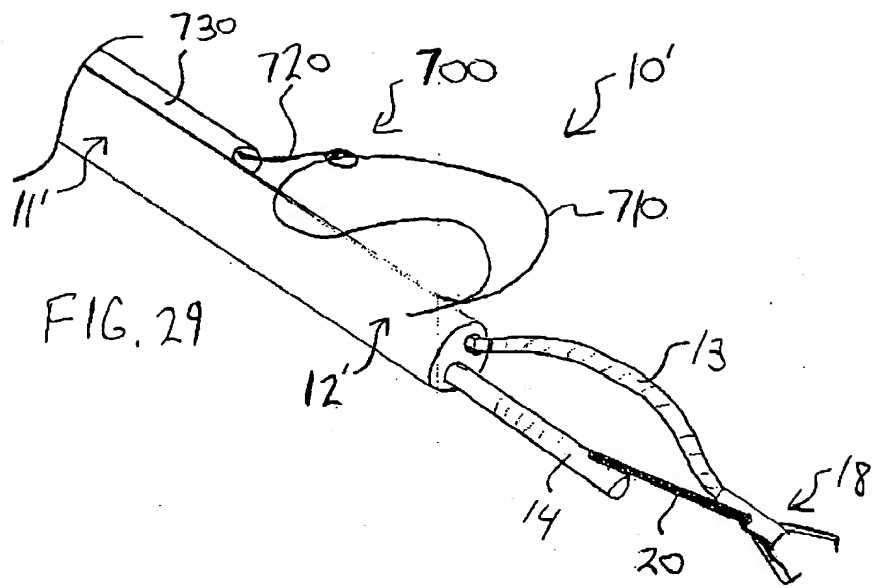


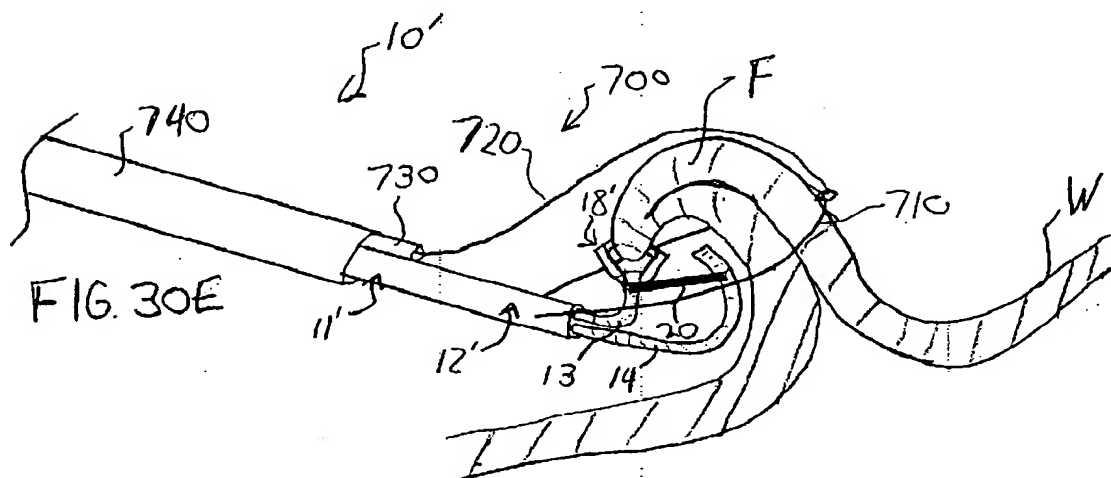
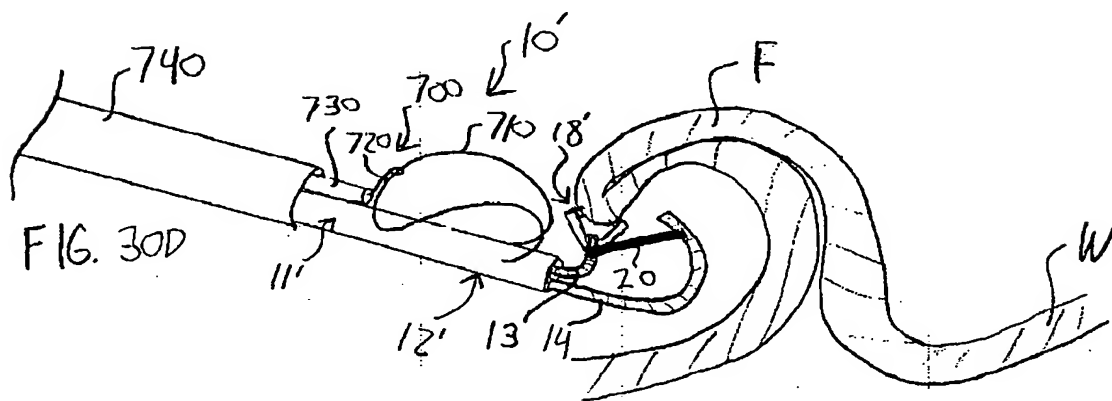
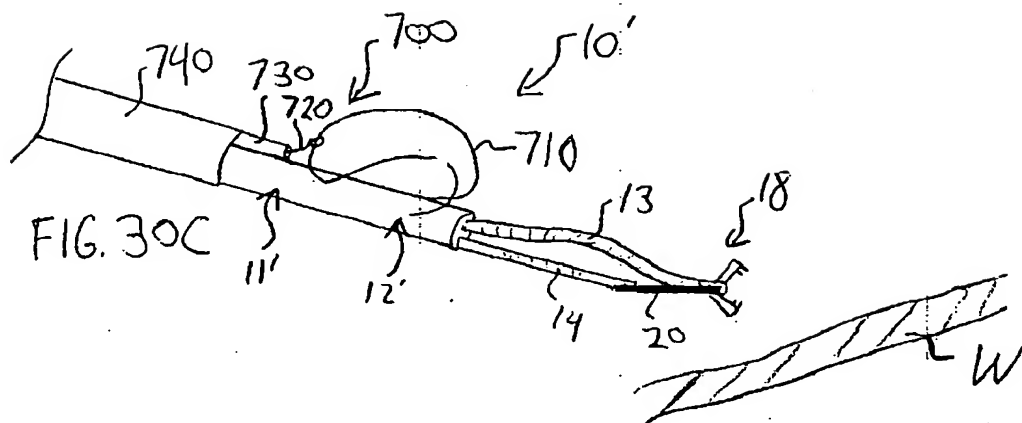


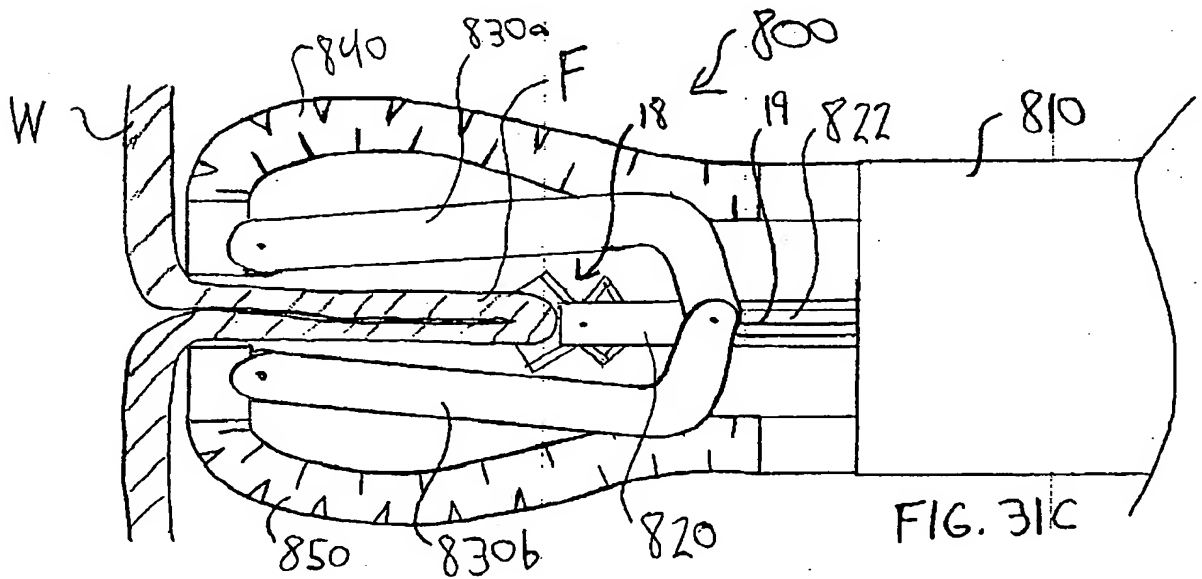
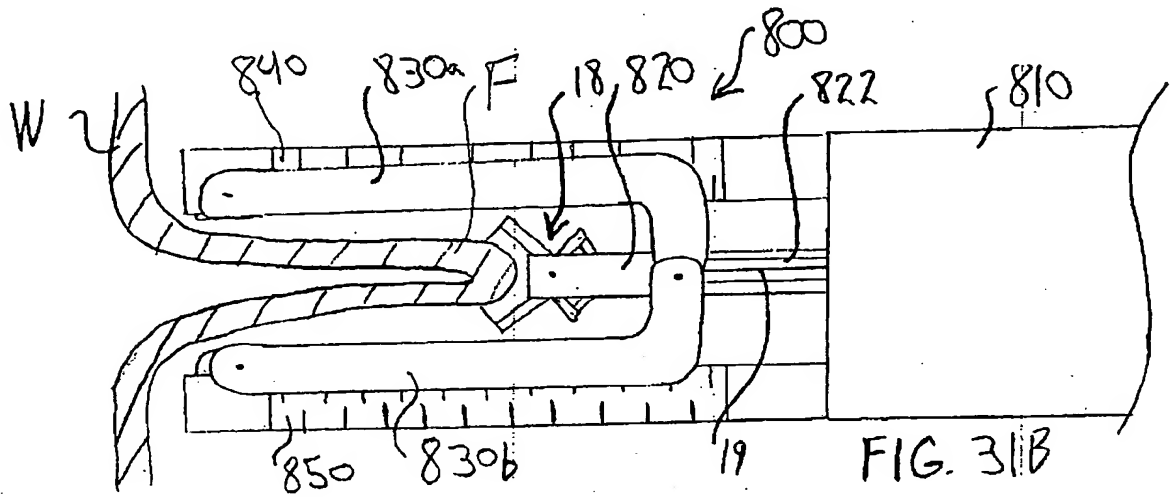
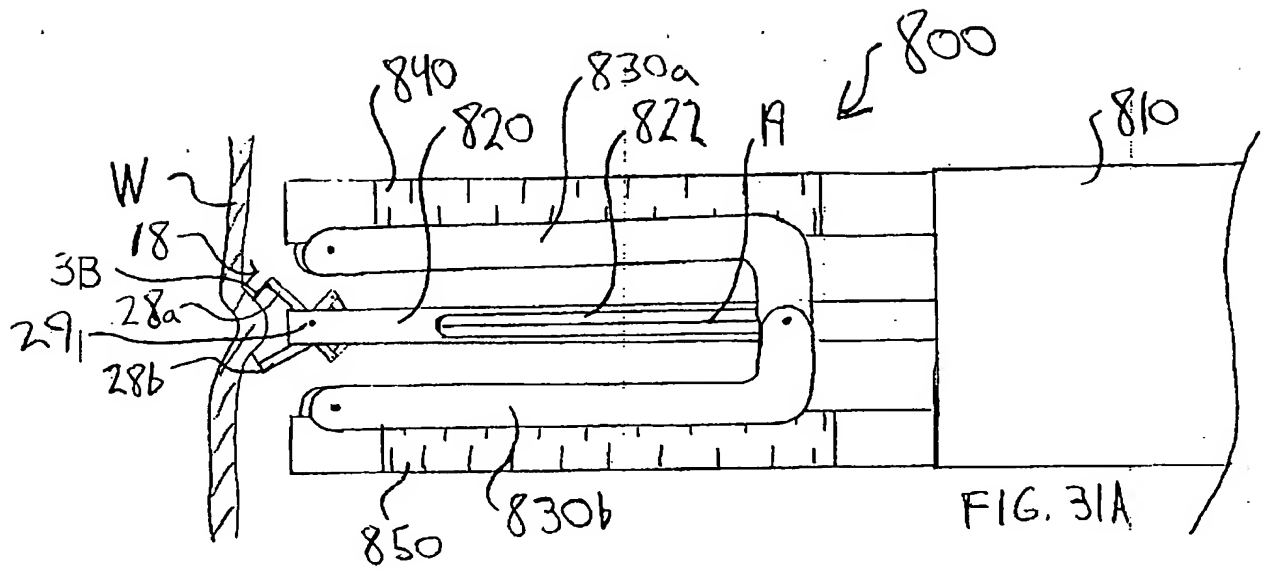


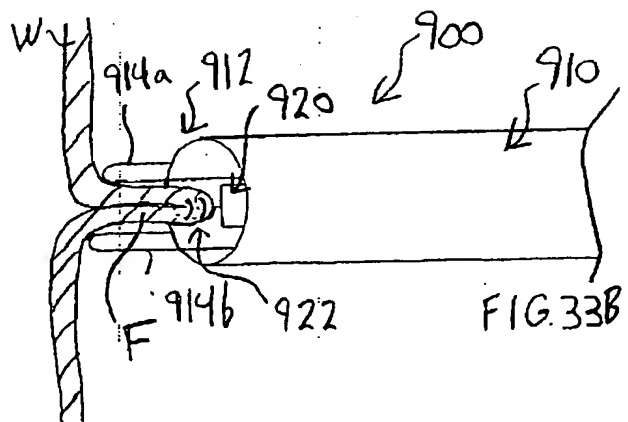
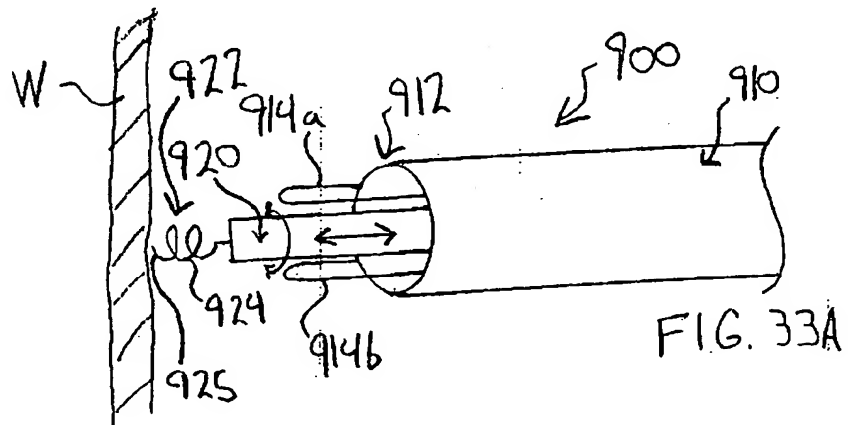
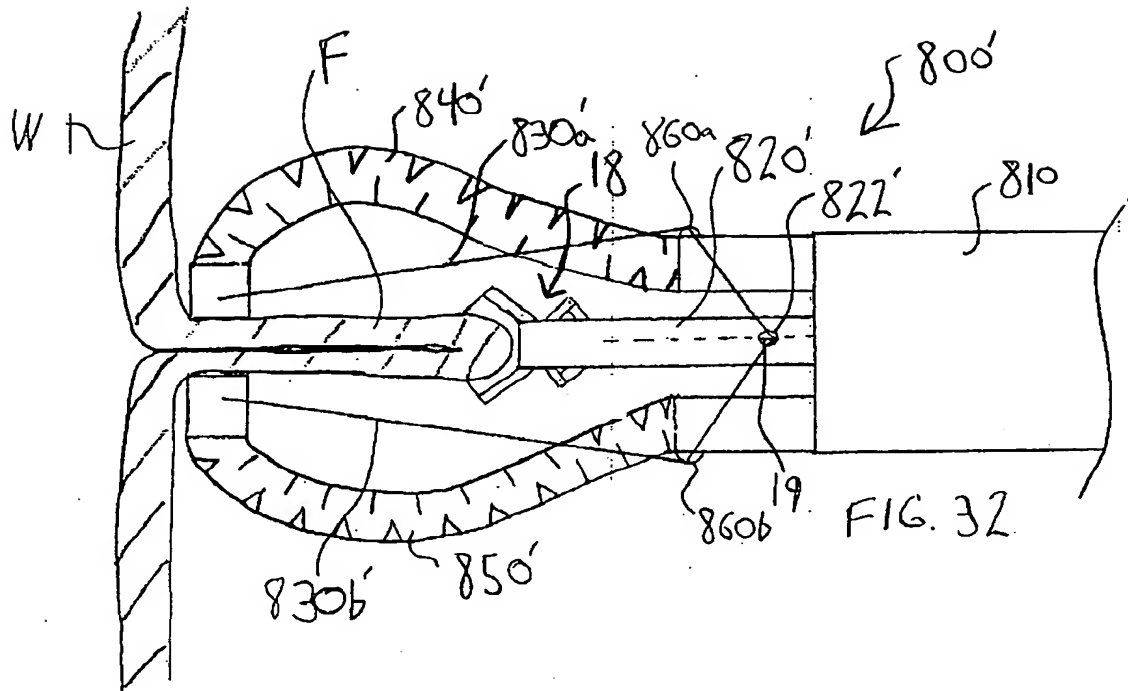


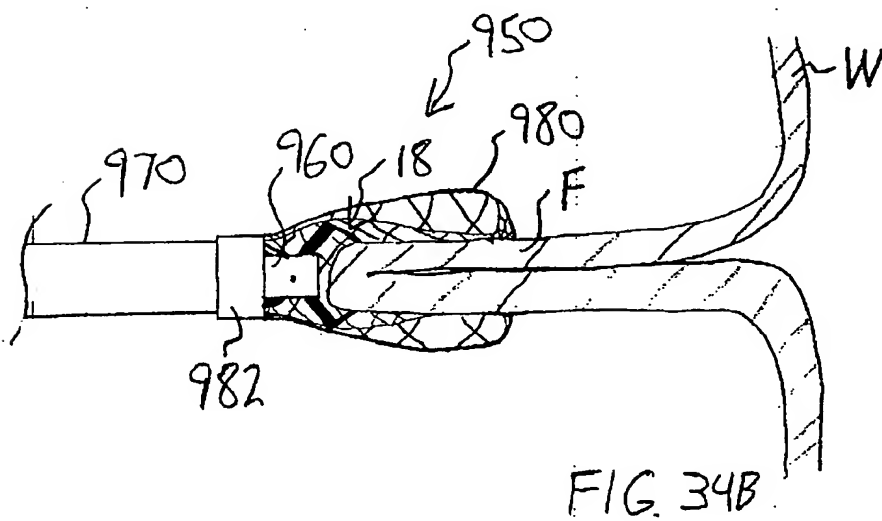
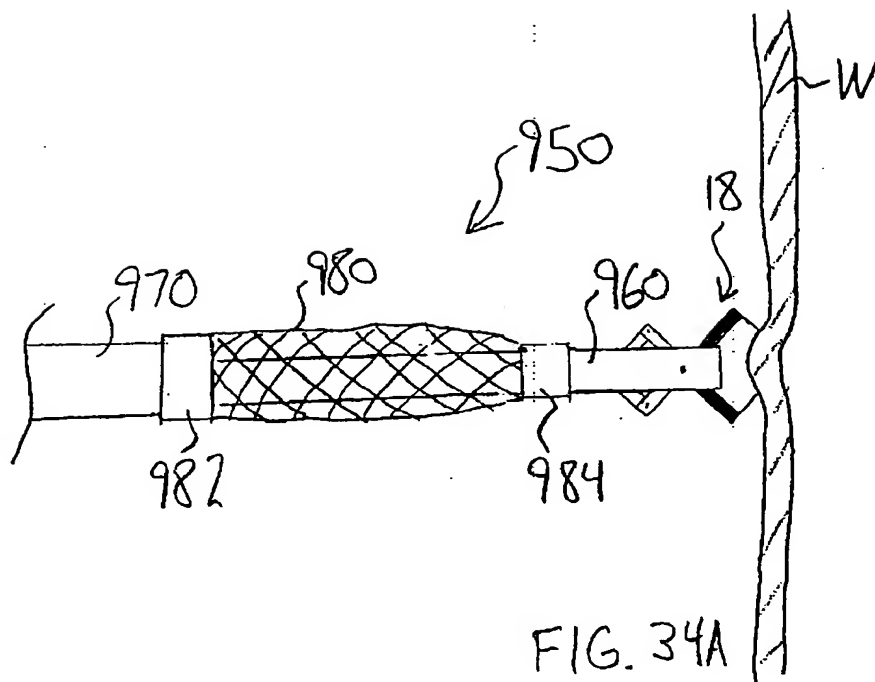












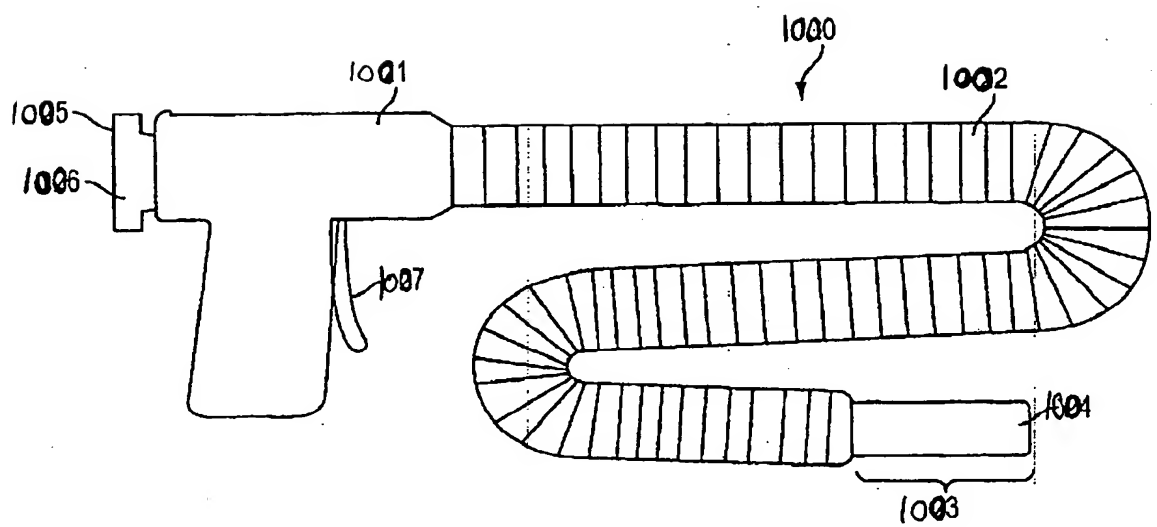


FIG. 35

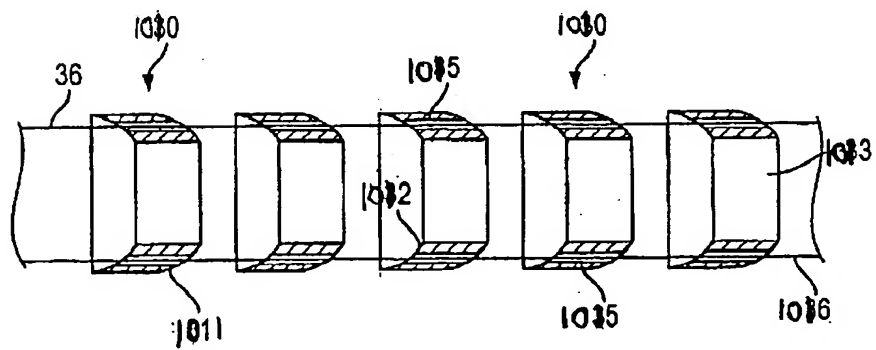


FIG. 36

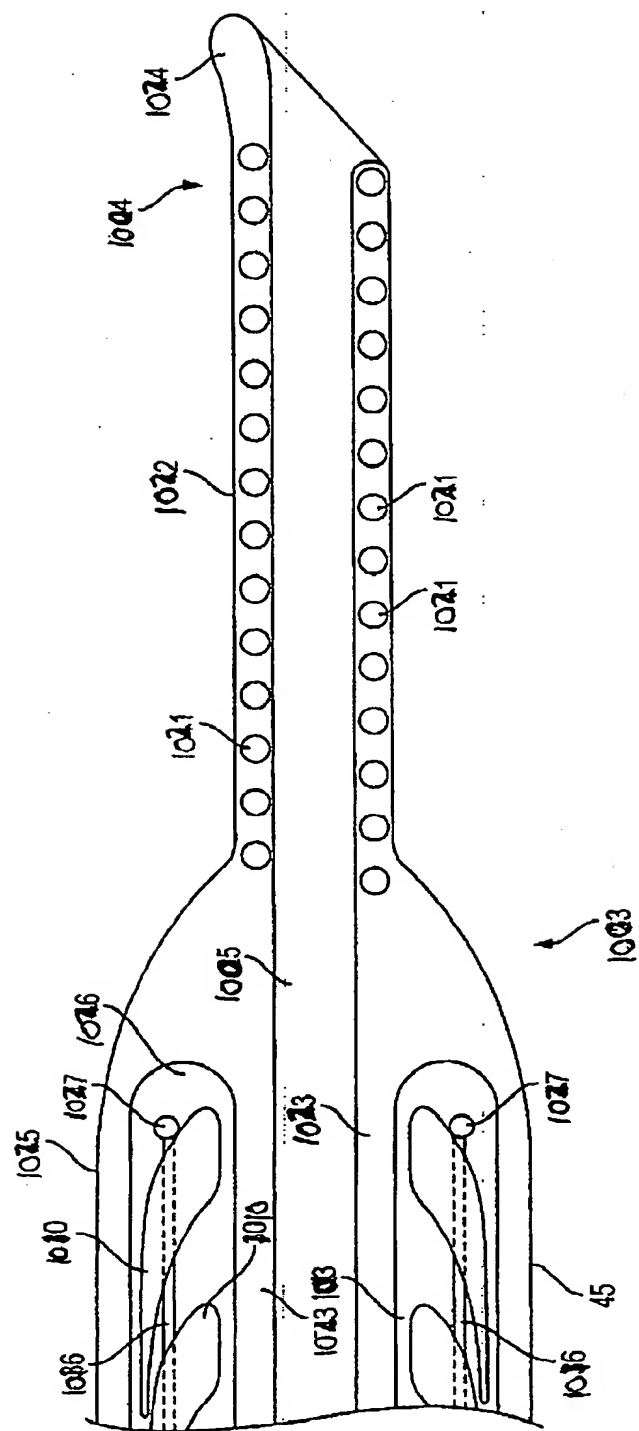
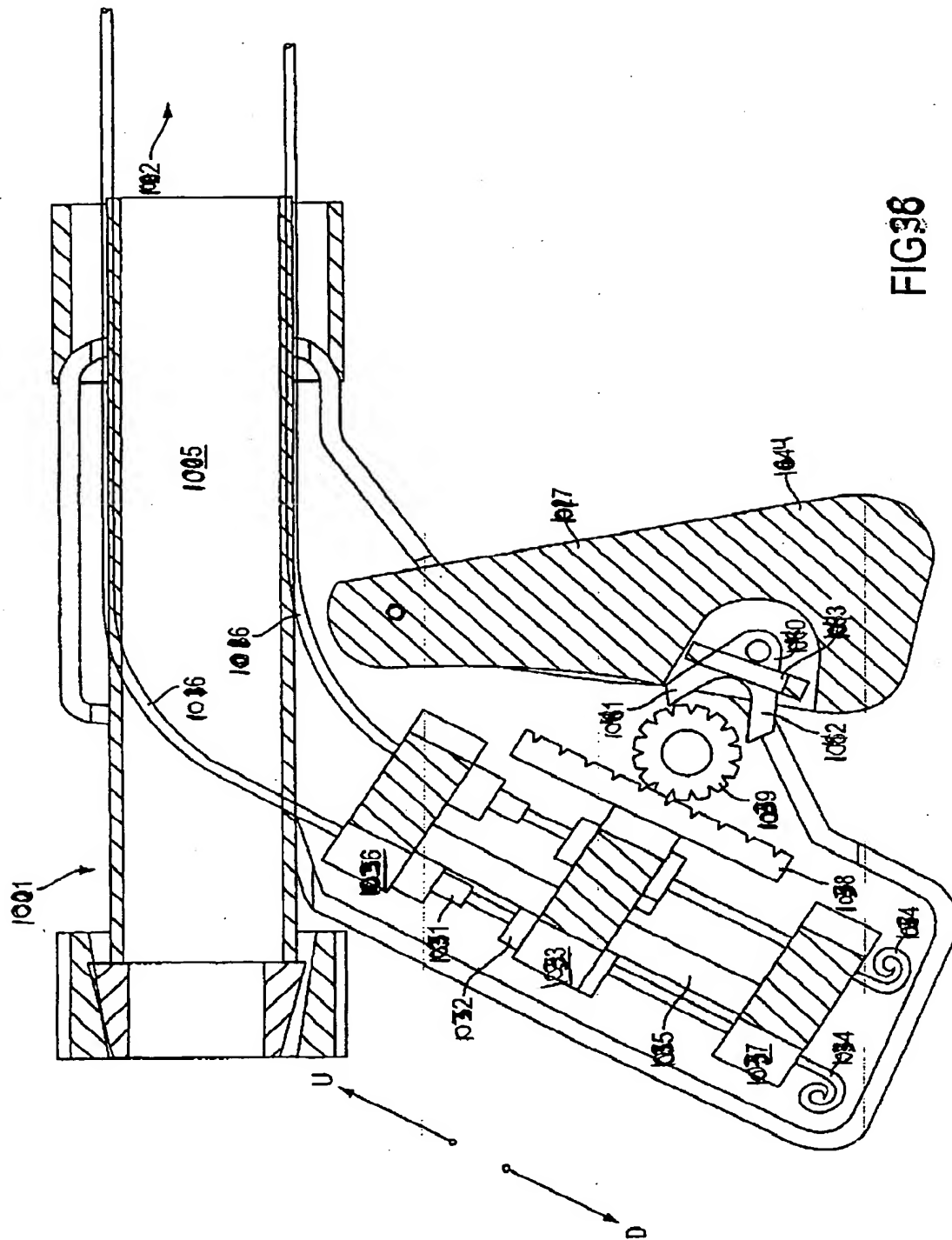


FIG. 37



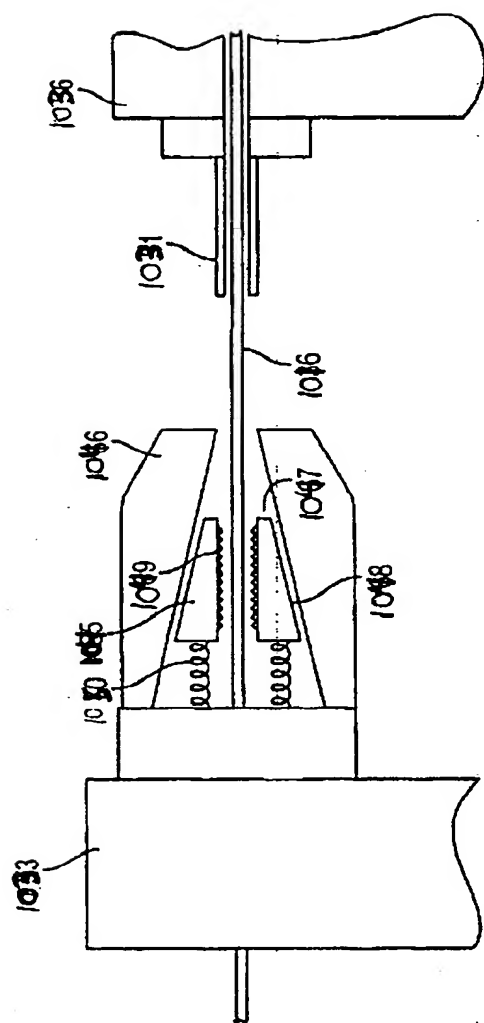
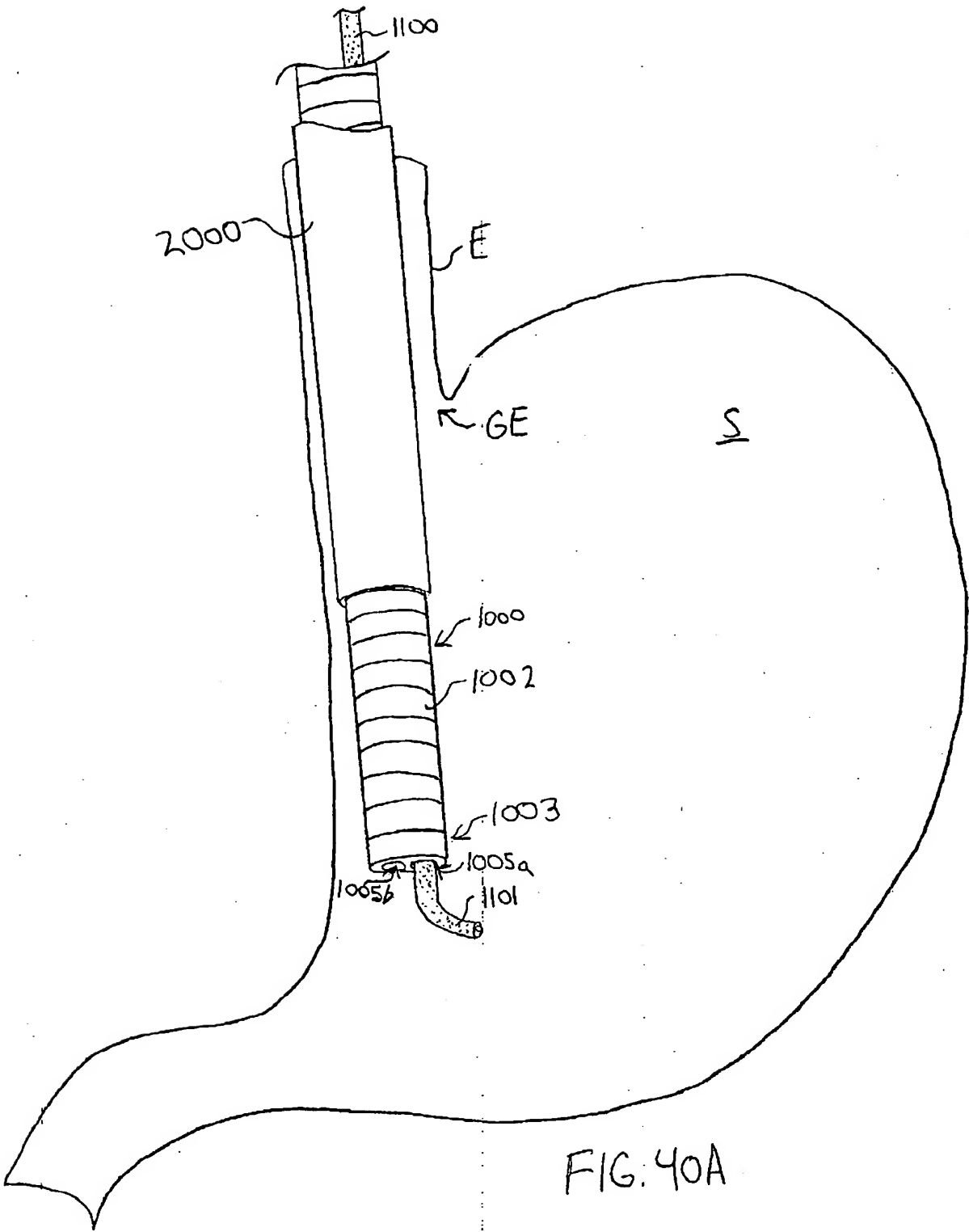
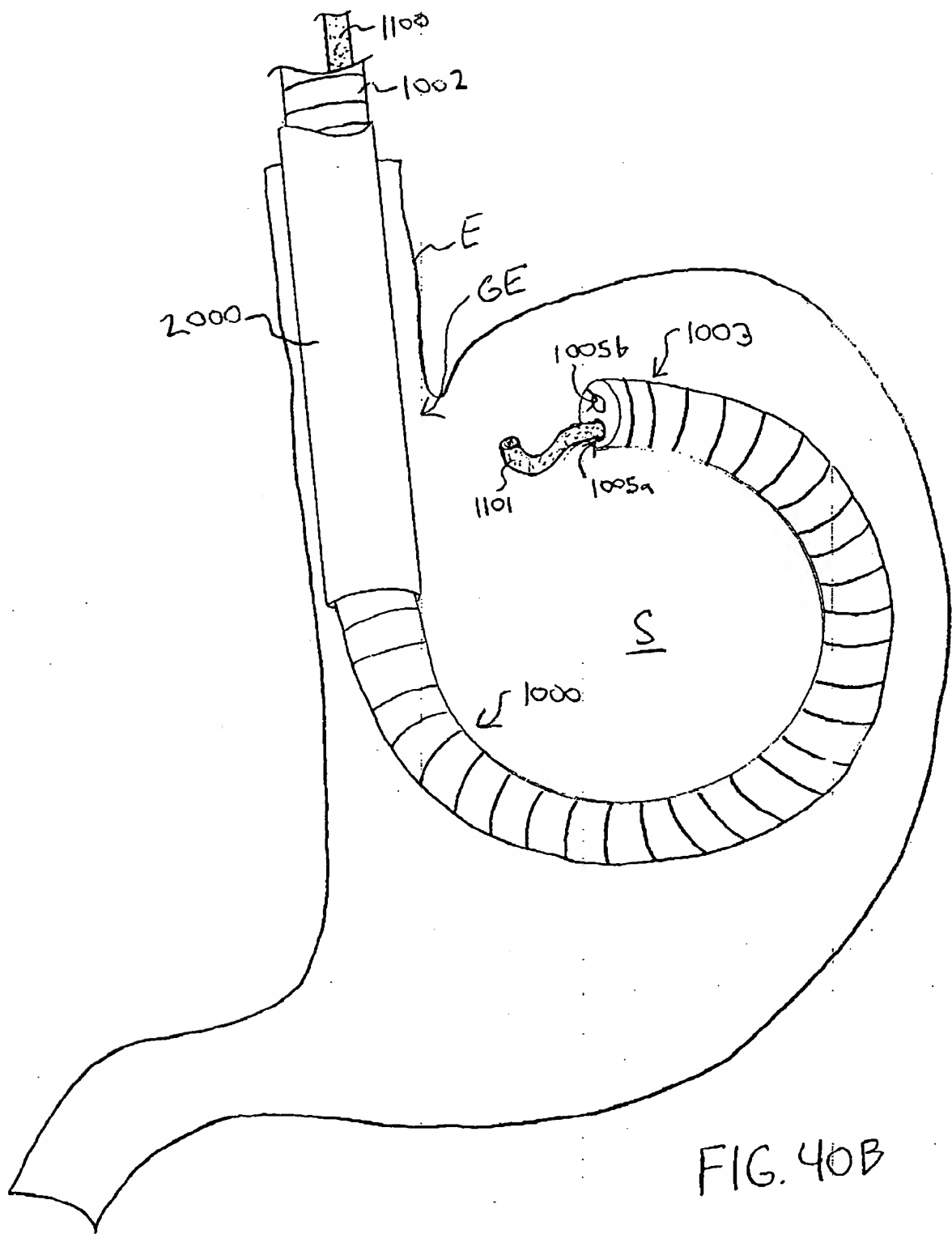


FIG. 38





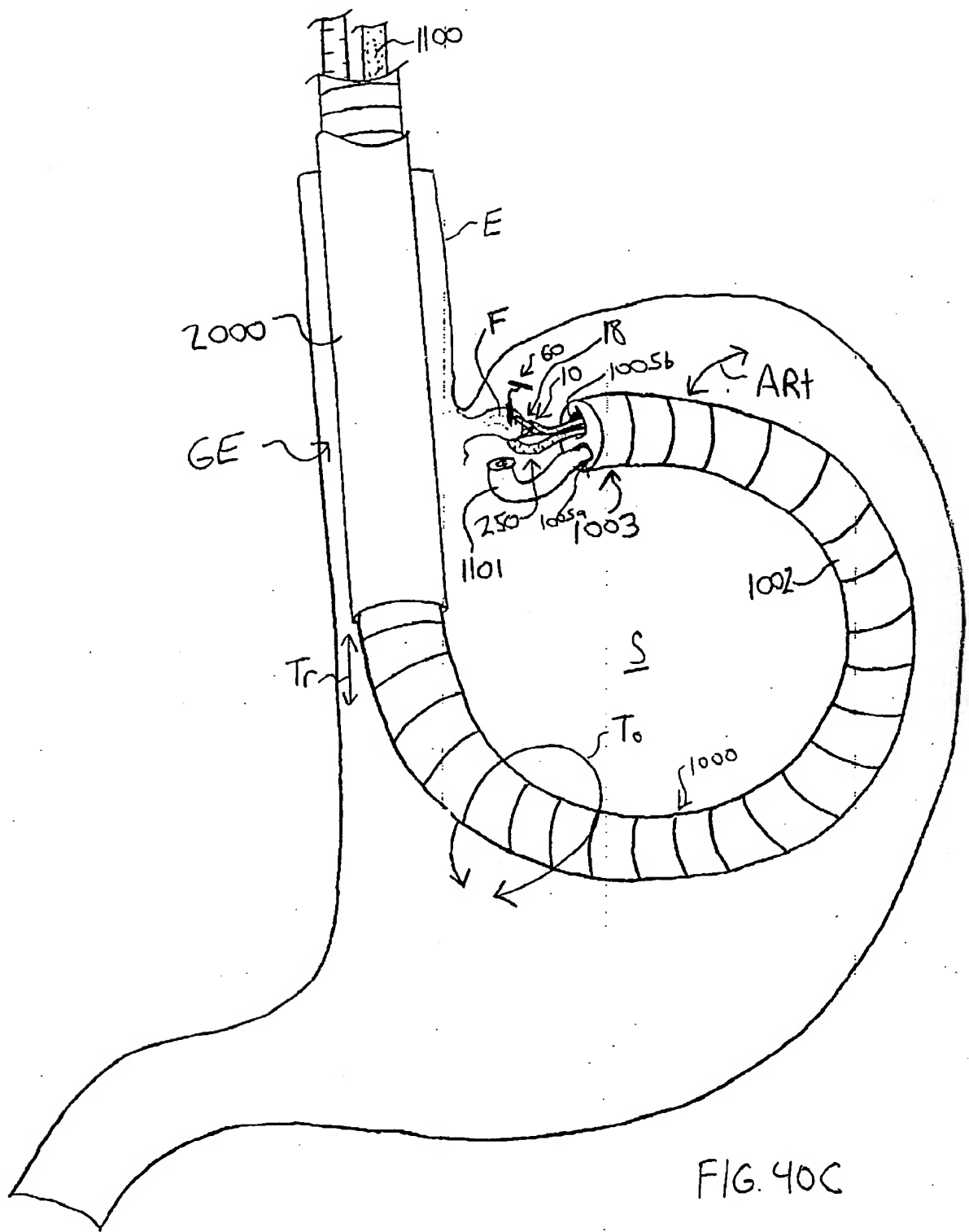


FIG. 40C

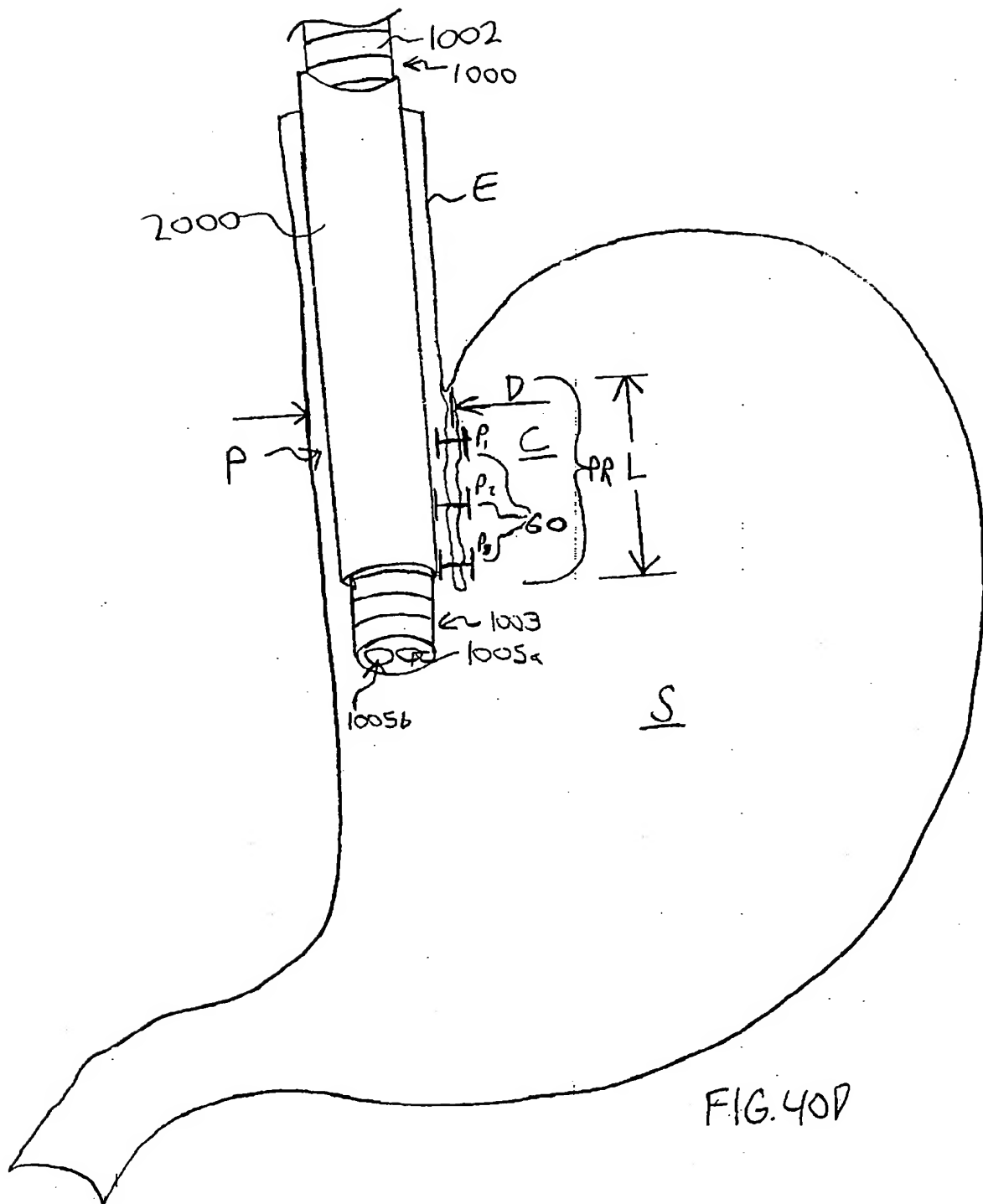
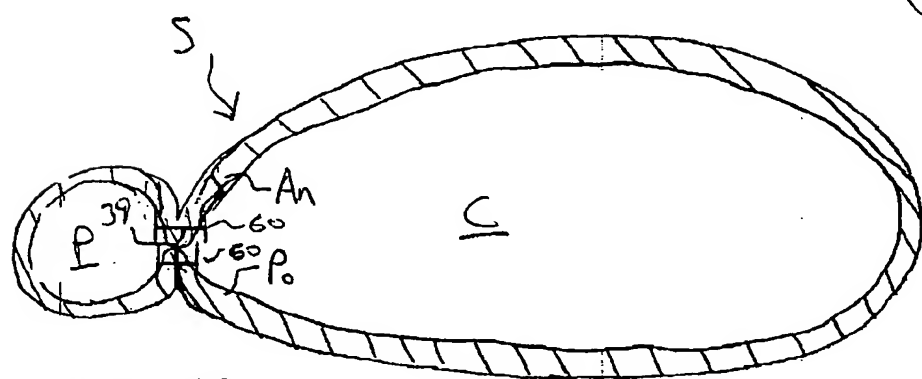
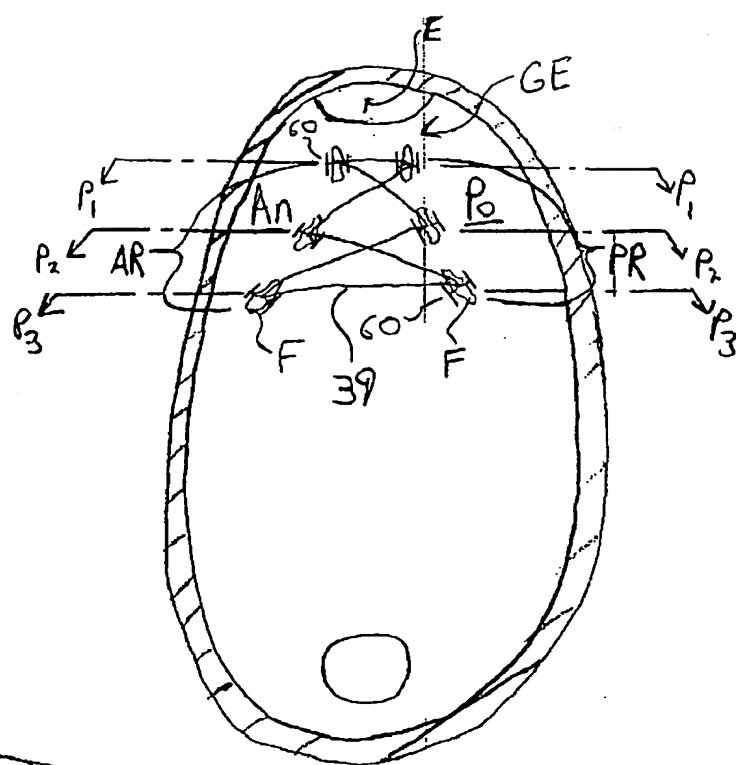
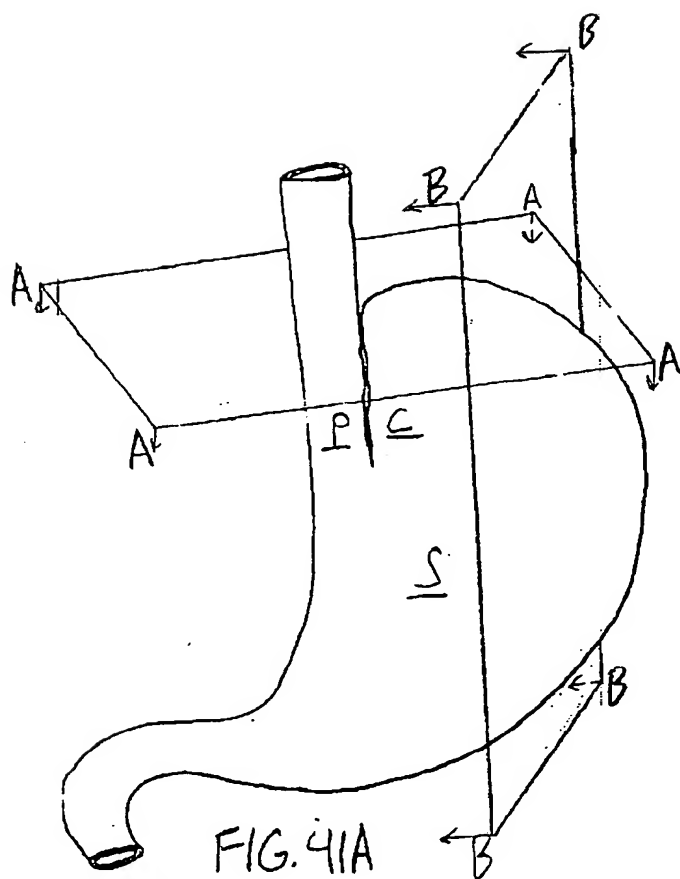
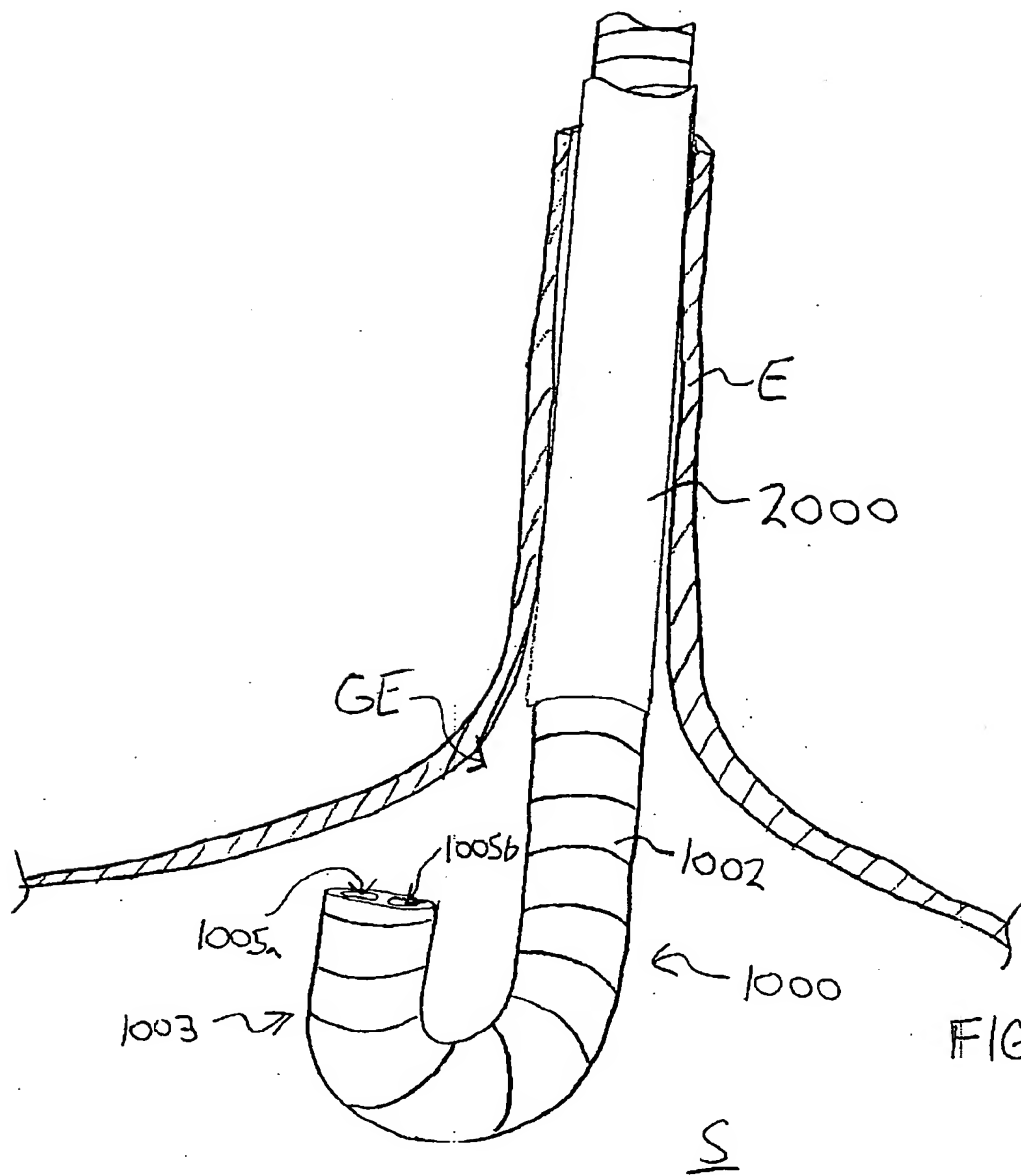
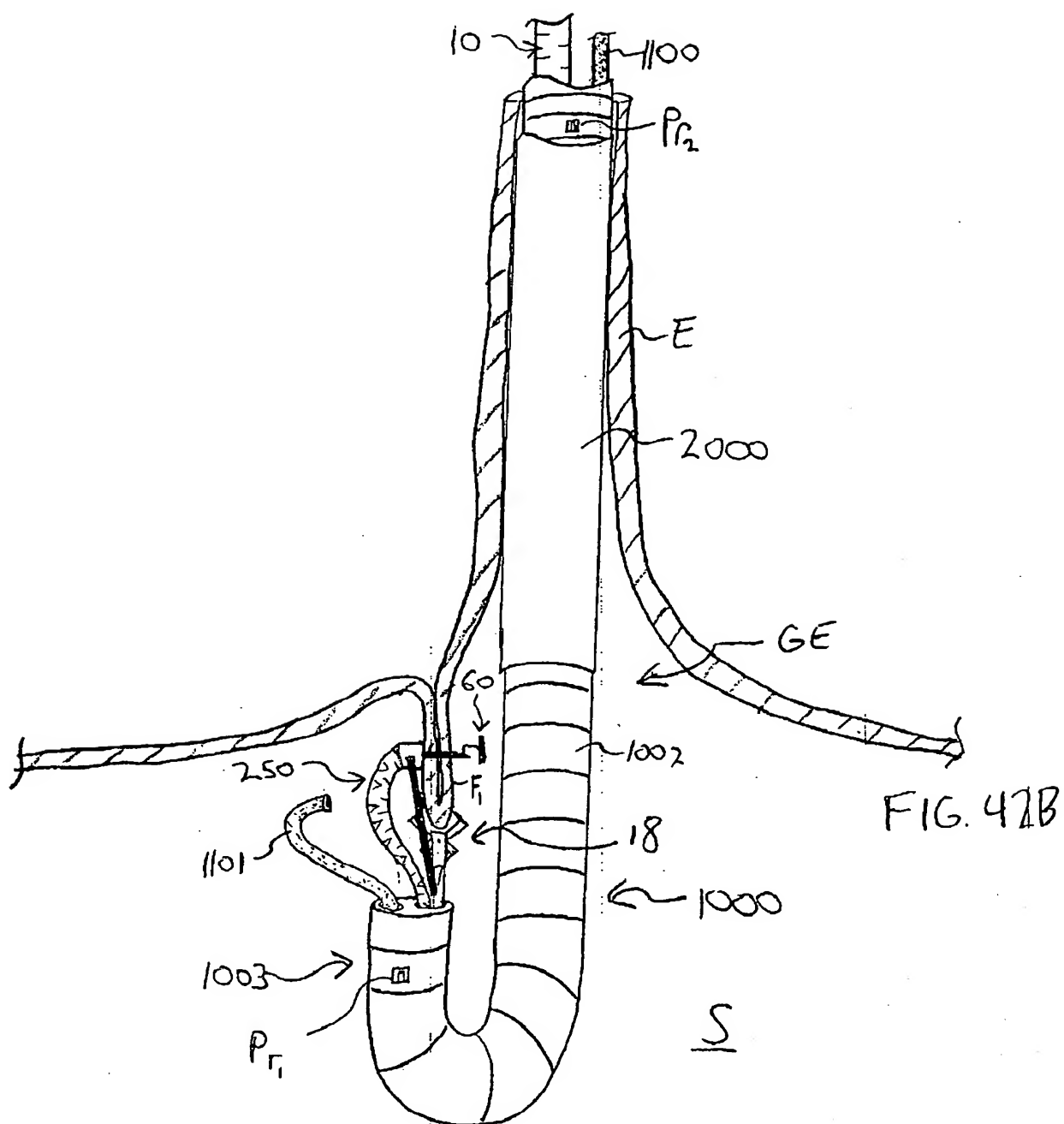
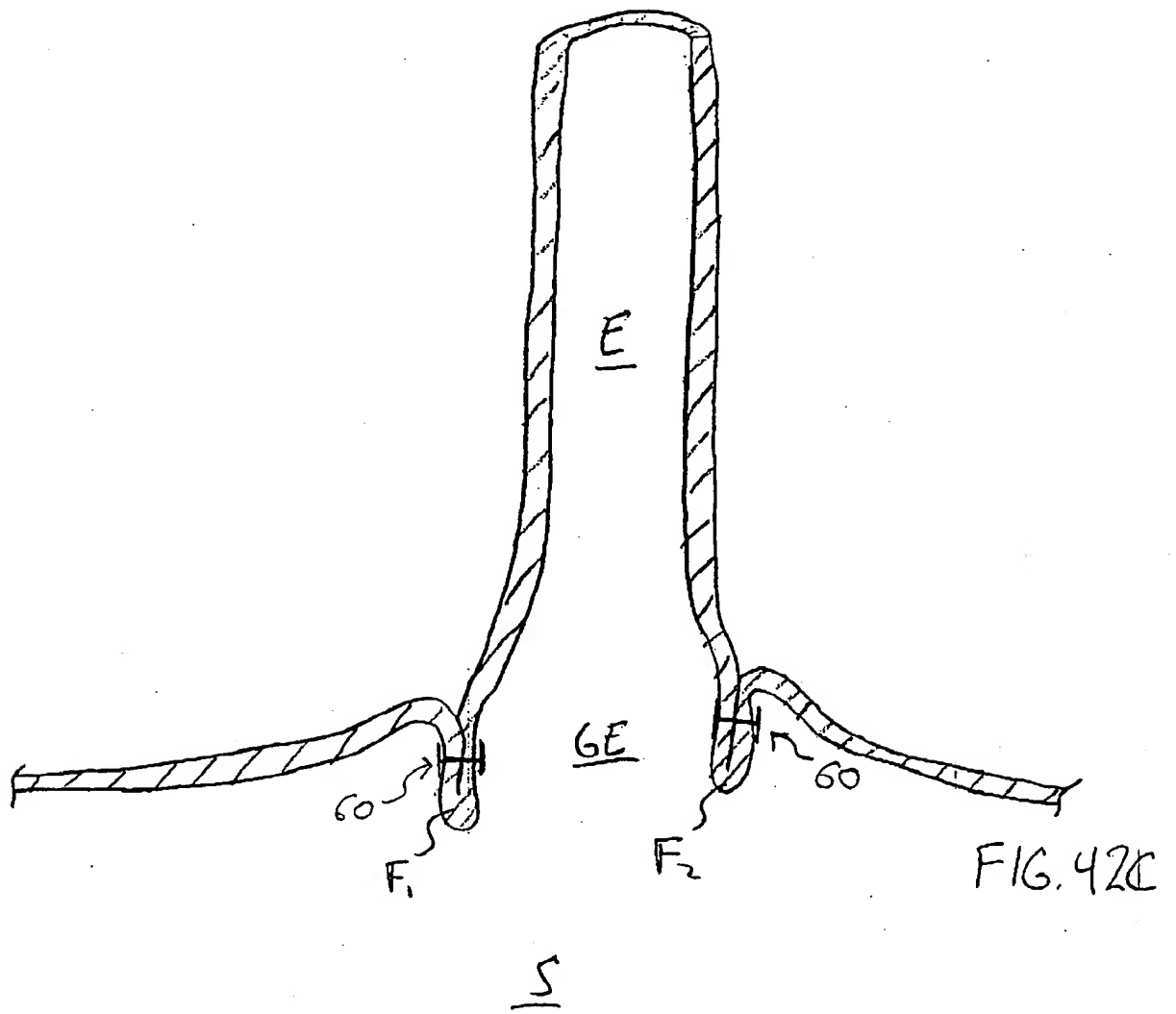


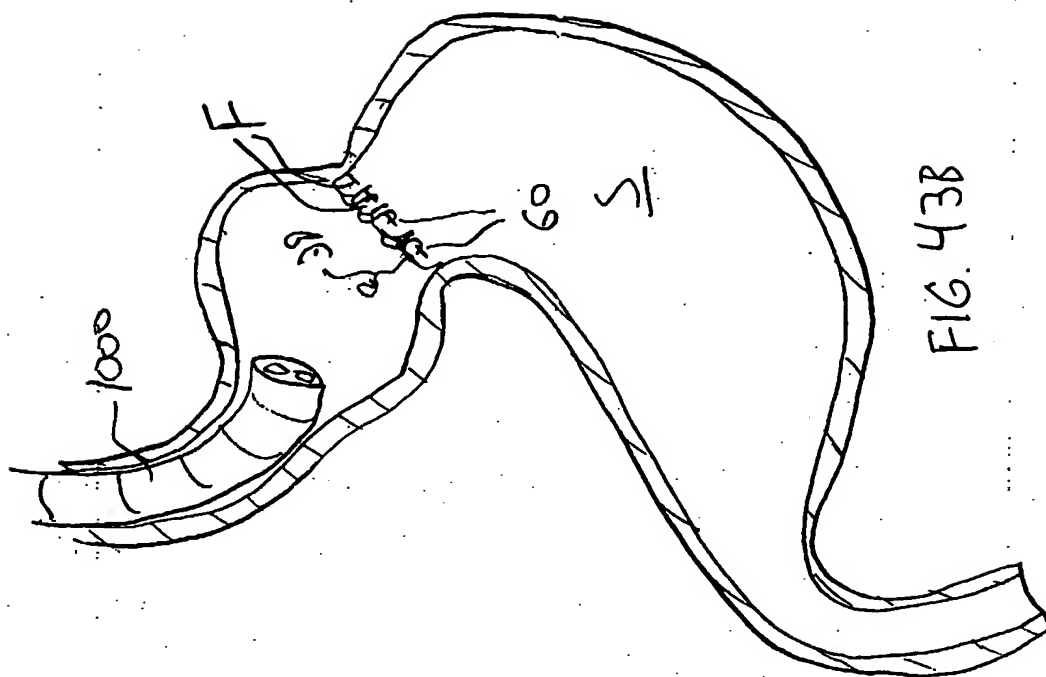
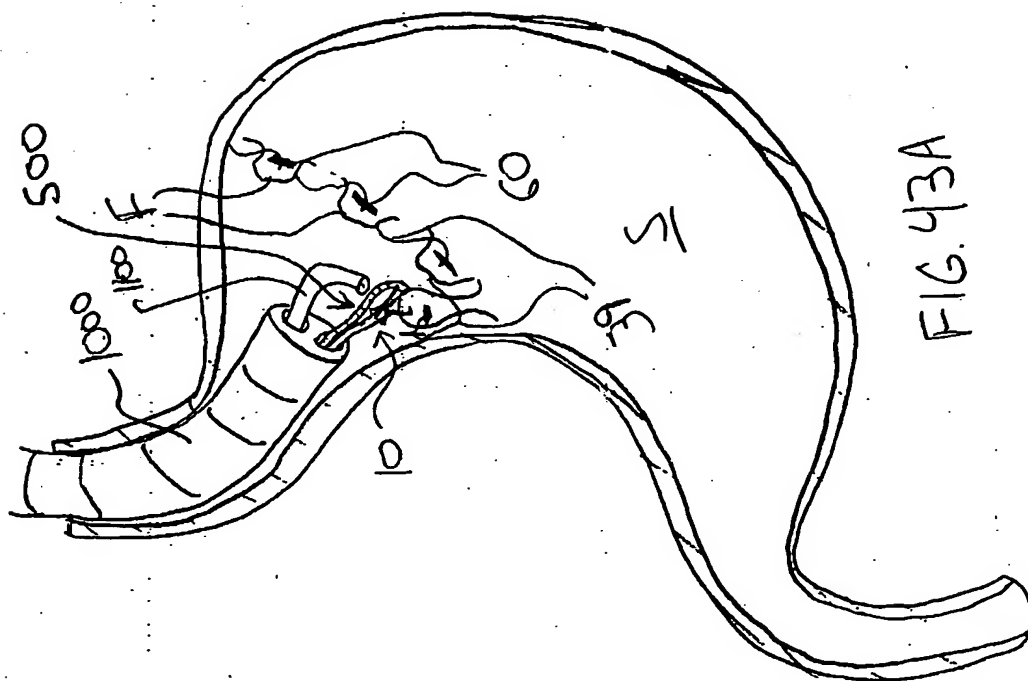
FIG. 40D

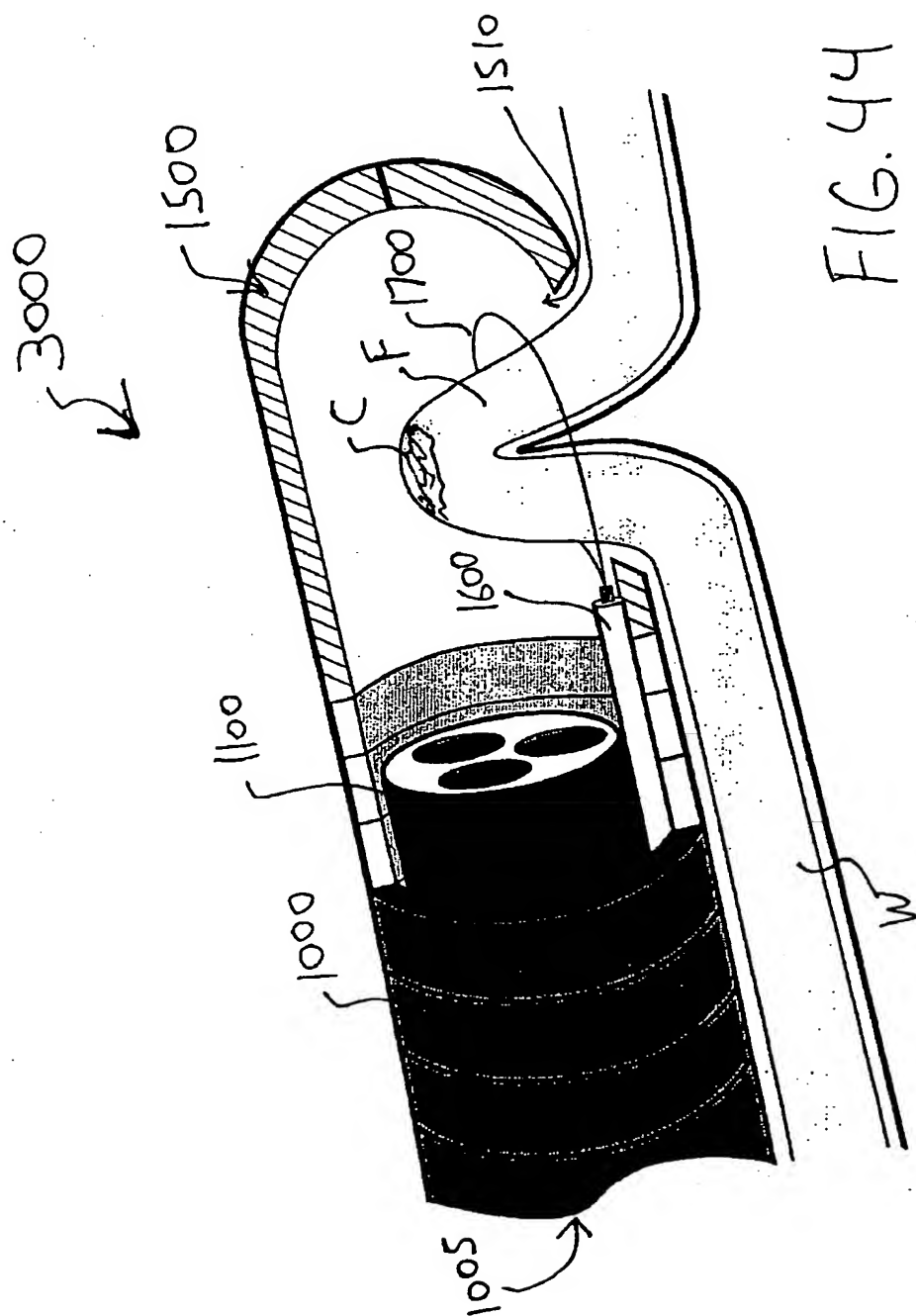












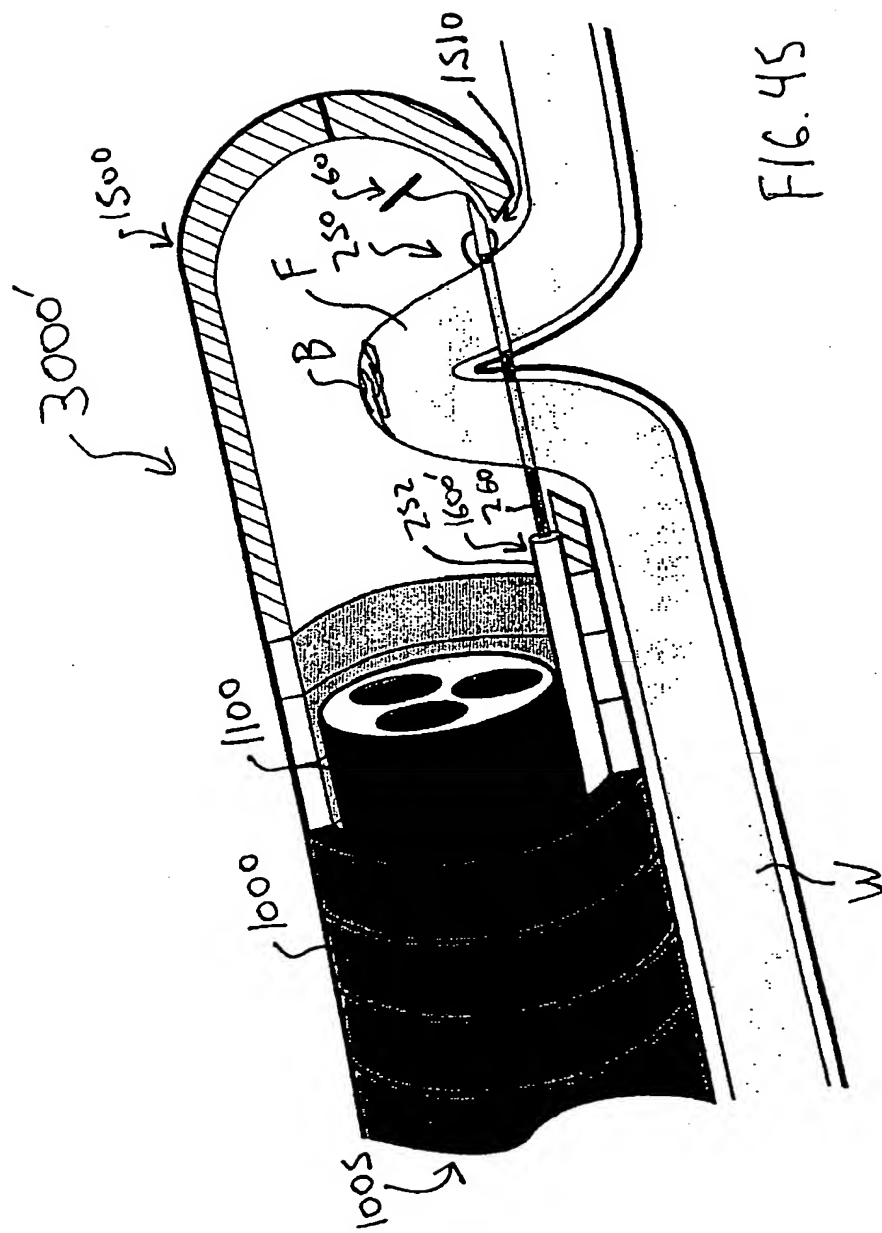


FIG. 45